

# SPEEDX

*the dx radio magazine for active shortwave listeners*



MARCH 1976

Vol. VI No. III



# KEYNOTES



OLIVER ELLSWORTH, MANAGING EDITOR: 2043 W 75th ST, LOS ANGELES, CA 90047

## JOHNSON ELECTED AS CHAIRMAN OF THE BOARD

The Board of Directors have elected Don Johnson, SPEEDX Business Manager/Publisher as the Chairman (President) of the Board for a two year term. The unanimous vote is an indication that the five member board has chosen a good leader. Congratulations Don.

We certainly wish to thank Jim Whitehead for his leadership as Chairman/President the past two years. A job well done Jim. Now back to DXing, Hi.

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## CONGRATULATIONS TO 5 NEW FULL MEMBERS

ROBERT BEAUDOIN  
BRIDGEPORT, CT

WILLIAM PEARSON  
AVONMORE, PA

SPENCE NAYLOR  
NO HOLLYWOOD, CA

JANE BETHAGE  
ST LOUIS, MO

ERIC OLSSON  
WALLINGFORD, CT

Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above members.

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## SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

NORIYUKI NUMATA  
JAPAN

MICHAEL LENAHA  
DETROIT, MI

JAMIE LeVASSEUR  
CLOQUET, MN

THOMAS LUNSTRUM  
TALLAHASSEE, FL

KIICHI KOYAMA  
JAPAN

TORU DKEGAYA  
JAPAN

JOHN BASTA  
LINDENHURST, NY

RICHARD GULA  
CAMBRIDGE, MA

BARRY TRAVIS  
ARLINGTON, VA

KAZUYO KIMURA  
JAPAN

GARY FOWLER  
ONT, CANADA

DAVID McCANN  
JOPLIN, MO

PAUL KOTE  
ST PAUL, MN

GARRY HAMMOND  
ONT, CANADA

HENRY WARD  
QUE, CANADA

RONALD HINDS  
WEST INDIES

STEVE GERBERDING  
ELGIN, IL

RICHARD CUNEO  
WESTBURY, NY

SHIGERU SUTO  
JAPAN

RICHARD SPENCE  
SALEM, NH

WADE PRATER  
MONROE, OR

IZUMI DOKI  
JAPAN

CHRIS STARK  
N.B. CANADA

TAKEHIRO ARAKI  
JAPAN

JAMES MAKISHIMA  
JAPAN

CHARLES KOIWA  
VIRGINIA, MN

HERBERT WAIDELICH  
CHEHALIS, WA

TAKESHI NEGI  
JAPAN

GLYDE ASPLING  
ROCKFORD, IL

BOB HECKENLIVELY  
YANKTON, SD

LARRY BROOKWELL  
IMPERIAL, BCH, CA

ANTHONY VARDEN  
VALLEJO, CA

PUBLICATION PROCUREMENT CENTER, ARLINGTON, VA

You have joined a club of active DXers, and we are looking forward to seeing you join in with the gang by supporting the various columns/sections. Our editors want to hear from you, John Kolb wants to answer your technical questions, and I want to type your name on the Contributors page each month.

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## OUR GOVER

The advent of quality shortwave portables on the consumer market has released the enthusiastic shortwave listener to tune in under many unusual circumstances...

### RADIO NEDERLAND TRANSISTOR COURSE

DX Juke Box will be airing this 12 lesson course over a period of 24 weeks. One lesson every other Thursday beginning on March 4th, with a repeat the following week. The course is available to Radio Nederland listeners free of charge. The lessons will be mailed in sets of four and students will receive the next set of lessons when they mail the answers to the questions at the end of each set of lessons to Radio Nederland's Juke Box.

Take advantage of this exceptional offer by making application now. It is not too late to do so.

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### TRANS WORLD RADIO--CELEBRATION

TWR is celebrating the tenth birthday of their DX SPECIAL Program on March 13th. Host Al Stewart is asking SWLs to send them originally drawn birthday cards. The ten most original cards will receive a prize. Send hand drawn birthday cards to: Trans World Radio, Monte Carlo, Monaco.

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### PEANUT POWER PREAKNESS

Entries received are being evaluated. Results in next months SPEEDX.

All those interested in a SPEEDX DX contest for prizes should contact either Doug Snyder, Project Coordinator, 3130 Woodmont Dr, San Jose, CA 95118 or Jack Jones, Contest Manager, 304 Robinhood Rd, Jackson MS 39206.

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### THE AMERICAN RADIO RELAY LEAGUE INC

ARRL will hold it's national convention in Denver Colorado on July 16, 17 and 18 1976. The convention will be at the Denver Hilton Hotel. Contact Rob Harrington, 3181 South York St. for information.

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### BAY AREA RADIO FREAKS

There will be a BARF DX get together on March 27-28, from 10:00 AM Saturday until 6:00 PM Sunday at the Hotel Raphael, San Francisco, CA. Registration fee \$2.00. Contact Rick Heald, 534 Weldon Ave, Oakland CA 94610 for info.

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### TC PIPS

Larry Brookwell realizes that TC pips have many duplications. However he has discovered that the pips can be a help in establishing an ID. Larry may have something, as we all know that a TC pip can be extracted when nothing else can from a very crowded frequency. If you have a list of TC pips and how often they are used in an hour, pass them on to Larry, who will compile them for a listing in a future issue of SPEEDX. Contact: Larry Brockwell, 1826 Cypress St. San Diego, CA 95154.

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### FOR SALE

Grundig Satellite 2000, good condition \$200.00. Contact; Gary Singer, 2327 Gramercy Ave Apt 3 Anaheim, CA 92801

Allied SX-190, matching speaker w/extra crystals for the tropical bands. Contact; Bill Coleman Jr. 114 Circle Dr. Rocky Mount, No Carolina 27801. Asking price, \$200.00

RME DB-22A Preselector & RF amplifier, mint cond. Make offer to Bob Wirrell 85 Stillman Ave. Brockton, Mass 02402.

### SPECIAL BAND SURVEY

SPEEDXer Larry Talbot of Menomonee Falls, working with projects coordinator Doug Snyder, has come up with a band survey of all loggings submitted to SPEEDX during JAN, FEB, & MAR of this year listed BY FREQUENCY. This should prove an invaluable aid in IDing stations you run across. At a glance you can tell if any other SPEEDXers have logged this freq in recent months. This is an experimental project and may be continued quarterly only if your response is favorable. For a copy, or to offer comments on the project, write to: Doug Snyder, 3130 Woodmont Drive, San Jose, CA 95118. A SASE please.

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### \* WANTED

Old style Gilfer log sheets (1968). I will buy you new style sheets in return. I want to keep my logs alike. I have four Hawaii licence plates if there are any collectors out there in SPEEDX-land. Free for return postage. Write to: William Trubee, Box 1323, Kealahou, HI 96750.

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### DRAKE CRYSTALS FOR SALE

10.0, 20.0, 21.0, 25.0, 28.0, & 28.5 mHz X-tals at \$4.00 each. Just removed from my SPR4. Contact: Ralph Sanserino, 8422 Crane Circle, Huntington Beach, CA 92646.

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### VINTAGE RADIO PARTS

Need tubes or other parts for that 1925 'WingODinger'? An outfit in England may have just what you need for that antique radio. Send a couple of IRC's and request a catalog or state your needs to: Tudor Rees Vintage Services, 64 Broad Street, Staple Hill, Bristol, BS16 5NL, Great Britain.

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### NO SHORTWAVE IN LAKE CHARGOGGAGOGGMANCHAUGGAUGGAGOGGCHAUBUNAGUNGAMAUGG?

I'm sure glad there is no SW station at the above named lake (I'd have to be nuts to write the name again, hi). This lake near Webster, Mass., is the home of the Nipmuck Indians. SPEEDXer John Gion sends a card (John lives in Webster) with an English translation of this jaw-breaking Indian name. "You fish on your side, I will fish on my side, and no one will fish in the middle." Thanks for sharing this bit of non-sense John.

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### HELP SAVE VSI RADIO

With a QSL arriving at HQS recently, the following information was received. It seems that the SW hobby has another chance to save a SW broadcaster. How about it gang? Take a few minutes to write to the Turks & Caicos Government replying to the questions below. QTH is: Cable & Wireless West Indies Ltd., Mercury House, Grand Turk Island, Turk & Caicos Islands.

"We are pleased to receive reports from overseas. We would like to hear from as many listeners as possible to determine whether or not it would be useful to continue broadcasting on shortwave. Our current plans are undecided, so we would like to know what listeners think about our station and its programming, specifically:

1. Do you think that having a shortwave broadcast increases overseas knowledge of the Turks and Caicos Islands, and if so,
2. Do you believe that tourism in the Turks and Caicos would increase as a result of this increased awareness?

Because the continuance of shortwave broadcasting does cost money, it is necessary for the government of the Turks and Caicos Islands to decide whether or not shortwave broadcasting is economically worthwhile. We welcome your comments on this matter."

The above is signed W.G. Grant, Information Officer.

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The HANDICAPPED AID PROGRAM (HAP) has a Translation committee that can tell you what that QSL card or letter from a radio station says. They can translate over a dozen languages for you. The Committee can not translate receipt reports into a foreign language. The fees are:

1 QSL or postcard 25¢.....1 page letter 35¢.....2 page letter 50¢

For more info write the HAP, P.O. Box 163, Mt. Sterling, IL 62353. A SASE will be appreciated and insure a prompt reply.



# DX MONTAGE

RESEARCH/COMPILATION/REDACTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370

THE TALE OF THE TRUANT TAPE (or "Have You Ever Benin, Nigeria"): A couple years ago I experienced the surprise good fortune of a prolonged period of unusually clear reception of Nigeria's 60-metre regional listed as located in Benin City. After following this outlet nightly for better than a week I began to assemble a period report of reception to forward to this local outlet...including a general survey of relative clarity over that period, a detailed written report of the best single reception, and a tape recording of daily excerpts for their examination. Naturally, return postage was enclosed. Almost as an afterthought I also enclosed a color postcard upon which I had written a brief note...and then off it went, presumably on a trans-Atlantic journey to its African destination. But somewhere betwixt the cup and the lip the wine turned to vinegar...for some time later a reply arrived from the Propagation Engineer, the one at Lagos, not Benin. Surprisingly, the letter said, "We received your undated card and we regret we cannot send you a QSL card as you have not given us any program detail to show that the reception was from our station..." Has a tape recording and a three-page reception report washed ashore on the east coast of North America in the past few years? If you find them put them in a bottle and sail them back to the Nigerian Broadcasting Corporation, please!!!



### NORWEGIAN FIFTIETH HONORED:

During October, 1975, Norway issued two postal stamps in commemoration of Norwegian Broadcasting's fiftieth year and showing drawings by two youngsters. The 1.25 Krone value showing a microphone with earphones was designed by Tom Erik Johnsen, age 9. The second stamp carries a value of 1.40 Krone and the drawing of 13-year-old Nina Davidsen...that design features a radio aerial broadcasting over a globe with several houses thereon. The actual date of release for these issues was 9 October.



### RADIO FREE EUROPE FREED FROM OLYMPIC ROLE:

A reporting team from RFE was drummed out of the Olympics...as a result of what was alleged to be Soviet pressure...says an AP item called to our attention by Lou Leistner and his roommate, Elinor. RFE's accreditations were handed in to comply with an order from the International Olympic Committee. It was stated that the papers were not properly signed and stamped by a national Olympic committee. Because the station is based in Munich, the credentials were required to have German stamps, but were without them. Прощание!

### ACORNS FROM OAKDALE:

...in London "Big Ben" is the "tock" of the town...



YOU'RE NOT LIKELY TO HEAR IT ON UNITED NATIONS RADIO, BUT...even though the world body has been pictured in gloomy tones of late, it does have its light side. A Hungarian-born linguist who can work in fifteen languages and is one of 368 translators has culled dozens of what he calls "bloopers" from thousands of documents that have passed his way during his eleven years with the organization. There was the document, for example, speaking of "the Secretariat's fear of competence"...true or not, it should have read "sphere of competence". Or how 'bout the following phrase..."the Ministry of Caths and Telecommunications". Or perhaps the very interesting premise advanced by the desire to "create a society in which men could enjoy the fruits of their neighbor without interference" whereas "labor" may have been correct, but maybe far less exciting also. Of course, "support for the depraved people of that territory" might be appreciated; it might be proposed that the "deprived" people needed the help. Then again, that could "give the eighteen-nation committee a new impotence"...not that they required an "impetus". And, certainly, "jurisprudence" has not been foreign to Judaic history, but was it "unparalleled in the whole history of Jewish prudence" as the draft of one document insisted? But any American tourist visiting San Juan can most certainly identify with the term "development of poorism".





# DX MONTAGE



## The SOAP BOX

A DIVISION OF "DX MONTAGE"

Moderator: *Sam W. Brooks*



Garden State DXer Mike Agner expresses the following thoughts on the current discussion about consolidation of DX journals: "I would agree that having one publication put out covering every facet of DXing might be nice. However, I think everybody realizes that such a task would be virtually impossible, mainly because there are so many different interests for many different individuals...the task of 'pleasing all of the people all of the time' would be too monumental for our illustrious, hard-working editors..."

"...consider another facet which is very important to most, if not all, DXers all over the world. What about technical reviews and 'Q and A' columns, such as John Kolb's 'Technical Topics' column? I think that most people would realize that a whole 'nother publication could be formed just devoting itself to that topic alone. Indeed, we can't allow the other types of magazines...such as QST or QJ...to judge equipment and have the final say in the matter..."

"...however, I do not suggest that I detest ARO magazines; indeed, most of these mags have well-informed and knowledgeable editors at the helm...but my points are these...1) to have a publication to cover all different facets of DXing is an incredibly narrow-minded idea, since the topic of DXing is so broad; 2) to exclude the other pertinent columns and articles is and would be a tremendous loss to the DX community as a whole..."



Kevin Clark, QTH Utah, shares this brief thought toward improvement" "I also think that some alterations could be beneficial. My suggestion is to add a time log column to the SPEEDX magazine as it would be extremely convenient. Instead of having to go down each column to find out what is on at a given time, it could be listed together in another section of the book. I understand that another club uses this format and it sounds like a good idea to me..."



From the midwest comes a little different tack steered by Paul Gunn: "...how about a quarterly or possibly bi-monthly joint collated listing for time, frequency, location of all the stations as logged by members of the clubs that wish to join such a publication venture with credits to the club members making the reports..."

"...the individual clubs could continue their current DX log sections in two classes..."

"1) Any announced change in frequency or time of programs either by the station or a DX program broadcast to keep such information current for one of the high-powered transmitters...or any reception of a new transmitter...or a new frequency of a current transmitter..."

"2) Any reports of reception of the lower-powered transmitters with information of a one time or several times in succession for signals consistent or not consistent..."

"...this proposal is based on the assumption that WRTVH is in use by most of us...and gives a guide for the 'easier' loggings. The composite would keep an update available for these countries and their transmissions..."

"...the regular club reports then would be for the more classic DX...or other stations up to, say, 25 or, perhaps, 50KW. This would provide more current reception information on more difficult to log countries..."



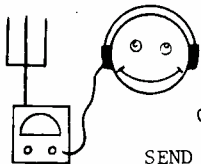
Up in Walla Walla, Hobart Beal has been doing some thinking on this subject as well and here are a few of his thoughts on loggings consolidation: "Each publication has its own unique characteristics as reflected by their individual editors' and publishers' personalities..."

"...note the neatness of one and the cluttered, disorganized format of another and also note the wide difference in policy and format..."

"...it also eliminates choice. We can take it or leave it. And chances are we would end up with one publication known as ASWLSPEEDFRIENDX-out-of-ANARCWRTVH."

"...however, a suggestion. Why not computerize? Each mag would receive a nice long computerized listing to send with their monthly mailing; setting forth separate loggings from the total membership of all clubs..."





# TECHNICAL TOPICS

Q-MULTIPLIER?  
GAIN?

AVC?

IMAGE?

TUNER?

ANTENNA?

CROSS-MOD?

ACC?

S-METER?

LSB?



SEND YOUR TECHNICAL QUESTIONS TO:

**JOHN KOLB**  
12532 ARABIAN WAY  
POWAY, CAL. 92064

I found the HEATHKIT SB-313 review in last month's "Tips and Topics" very interesting. The SB-313 follows the design of the SB-310, with the tubes replaced with solid state design. The SB-313 is almost identical to the SB-303, except the SB303 has crystals and preselector tuning set up to cover the ham bands, until the Drake SPR-4 came out, the SB-310 was one of the most desirable of SWL receivers. The ease of changing frequency coverage in the SPR-4 seems to be the main reason for the decline in Heathkit popularity. Frequency coverage of the Heathkits can be modified, with certain restrictions, but not easily, and a maximum of 9 ranges does not compare with the 23 of the SPR-4. As well as the 2.1 kHz accessory filter mentioned by Bart Beal, Heath has a 3.75 kHz accessory filter intended for AM operation of their ham band receivers. This is the SBA-301-1, at \$26.95. Heath has always advertised this filter with their ham band receivers, rather than with their SWL receivers, so few SWLs are aware of it. I would recommend this receiver as far better than the Drake SSR-1 if you can live with the restricted frequency coverage.

Speaking of the SSR-1, I saw one yesterday at one of the local stores. Couldn't tell much about performance in that environment, but really liked it's looks and feel. It may or may not work better than the XCR-30, but at least it looks like a receiver. (Is that my bias showing?)

Eduardo Rodriguez has written seeking advice on a replacement for his Zenith D-7000, asking particularly about the Kenwood QR-666. The Kenwood is not a bad set, but I would pay a bit more and get the Barlow-Wadley or Drake SSR-1, if you are seeking a medium cost, medium performance set. I would not accept a set I couldn't read the frequency to at least 5 kHz on any band I use. This is a matter of taste perhaps; my SX-190 was just turned down by a potential buyer in favor of a Zenith TO. The SX-190 was too complicated. For a higher quality set under \$500, I would recommend the SB-313 (see above), or perhaps a used Drake R-4A, B, or C. The older models may be found for as little as \$200. The Collins 51-J4's and R-390A's are outstanding; the R-392 is not quite as good. I would stay away from the Hammarlunds, except for the HQ-215 or HQ-225, because of frequency readability. The same applies to Hallicrafters and National. The Allied SX-190 is medium plus performance, but rather rare. The ham band version, the AX-190 is more common used, and usually cheaper. The AX-190 can be converted to SX-190 freq coverage. Many of the distributors of ham band equipment take trade-ins. They re-condition these and sell them with a short term guarantee. One such list, from March 1975, shows AX-190-\$159; R-4-\$269; R-4A-\$289; R-4B-\$339; R-4C-\$399; HQ-180AC-\$369; SP-600-\$175. These companies can be found advertising in the ham radio magazines. QST and 73 seem to have the most ads. You can also buy from individuals. These can be found through your local ham store, or through "Ham Trader", a bi-weekly ten page listing of ads, available from A. L. Brand, PO Box 311 Sycamore, IL 60178. There is also a new brokerage service for ham gear, Buyers & Sellers, P. O. Box 73, Boston, Mass. 02215. Ham Trader also publishes a "Buyers Guide", with pictures and short discriptions of much of the ham and general coverage equipment ever made.

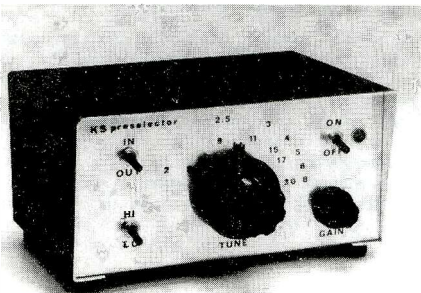
I have a two page list available of Radio Equipment Manufacturers and Dealers. It's yours for a SASE.

If anyone out there has an HRO-50, I have a mechanical filter adapter which will plug directly into your receiver. Write for details.

I've run out of things to talk about in the short space left. I need more questions from you.

(HQS NOTE: This is (from comments received) one of the more popular columns in SPEEDX, but cannot be continued without YOUR support! John needs YOUR input to produce his monthly column. Got a question? Send it to John today!)

A weekly forecast of radio propagation conditions is contained in a report known as the "Weekly Radio Telecommunications Forecast", available free of charge from: US DEPARTMENT OF COMMERCE, OFFICE OF TELECOMMUNICATIONS, INSTITUTE FOR TELECOMMUNICATION SCIENCES, BOULDER, COLORADO 80302. It contains a forecast of propagation conditions for the next seven days, a summary of propagation conditions & geomagnetic and solar activity indices the preceding seven days, a prediction of 12 month running average Zurich sunspot numbers for the next 12 months, and a semi-monthly revised ionospheric prediction. An explanation of how to understand all the figures comes with the first weekly issue.



KS SHORTWAVE PRESELECTOR  
 - BY KOLB & SANSERINO -

COVERAGE: 2 to 30 MHz in two bands.

GAIN: 2 to 8 MHz approximately 30db. 8 to 30 MHz approximately 20db.  
 Gain control has greater than 50db range.

SEMICONDUCTORS: 1 dual gate MOSFET & 1 Transistor.

CONTROLS: Antenna IN/OUT switch, HI/LO band switch, antenna 1 or 2 switch, ON/OFF switch & gain control.

TUNING: 6:1 ball drive reduction for easier tuning.

POWER: Built-in fused 117VAC 60HZ supply. LED 'ON' indicator.

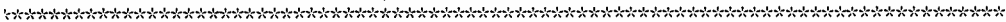
PERFORMANCE: High gain with a very low noise figure. Can be used on all communications type receivers, i.e. R390A, SPR4, R392, R388, HA600, HQ series, DX150, DX160, SX190, etc.  
 Negligible cross modulation & inter-modulation distortion.  
 Improves image response of 455 kHz IF, single conversion receivers approximately 15db @ 20 MHz & 25db @ 10 MHz.

INPUT & OUTPUT: RCA type phono jacks. Output cable supplied. Input plug supplied.

COLOR: Black.

PRICE: US\$55.00 shipped UPS in USA. 1 year guarantee.

ORDER FROM: KS PRESELECTOR, 8422 CRANE CIRCLE, HUNTINGTON BEACH, CA 92646



ORDER FORM.....PLEASE TYPE or PRINT PLAINLY

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

COUNTRY \_\_\_\_\_ RECEIVER & TYPE OF \_\_\_\_\_  
 \_\_\_\_\_ ANTENNA TERMINAL \_\_\_\_\_

DATE SHIPPED \_\_\_\_\_ for office use.





# JAMMERS



Several countries are still using jammers, though none will admit it. The reasons for jamming are, of course, political. A country does not want its citizens to hear what another country is broadcasting so it puts jammers on the frequencies to prevent it. If a country moves its frequency to get away from the jammer, the jammer moves too. Some countries may try to use more frequencies, hoping that perhaps one will get through to its target area.

There are several ways to determine if you are hearing a jammer, but first you should be sure the noise is not in your receiver. Disconnect your antenna from your set, & see if the noise level drops. If it does, the noise is coming in from the antenna. If the noise level does not drop, you best have your receiver checked out. Next tune your receiver to each side of the frequency you are hearing the noise on. If it drops off as you tune to each side, and is strongest right on the frequency, it could well be jamming. If the noise remains constant when tuning to the sides of the frequency, you probably have some local electrical interference.

What types of jammers are in use? The most common are; spark, stepped-tone, noise, & sweepthrough.

Electrical spark jamming is the simplest type and sounds like someone is operating an electrical appliance, such as an electric razor or electric drill. It's perhaps the one you will hear the most often as it's easy to generate and usually very broad. Also very effective.

Stepped-tone jamming (sometimes called 'bagpipes') is usually 3 or 4 audio tones repeated over & over. Very annoying to listen to so it's effective.

Noise jamming is generally just that. Noise. This can be confused with a high static level, which it sounds like.

Sweepthrough jamming is a carrier swept back & forth through a frequency at a very rapid rate. It sounds like the roar of an airplane engine.

One other form of jamming that is effective and designed to conceal the fact a frequency is being jammed, is to broadcast a program. I often suspect that many broadcasters use this method, as no one can point a finger and say that this frequency is being jammed, though the results are the same.

What can be done to counteract a jammer? Often very little. A few things that may well help hear through or around the jammer in some cases, can be tried. If available, a highly directional antenna can lessen the effect of the jammer, unless both the jammer & station under the jammer are coming from the same direction. Try reducing the r-f gain and turning up the a-f gain. This produces a limiting action and may help. If your receiver has a crystal filter or BFO, tune to one sideband and use a low audio level.

If the jammer causing interference is on either side of the frequency you are trying to hear, and splashing over enough to cover the signal, you can try all the above methods as well as using a narrower band width and, perhaps a pre-selector.

Many confuse utility stations with jammers. The sound of 'a herd of horses', a steady or fluctuating tone, RTTY & FISK, are not jammers, though they may serve the same purpose by covering the station you want to hear. The same methods as above are often effective to hear through or around these. Don't just give up when you come across the wierd noises on the bands. Often the extra labor involved to hear a station that is covered is well worth the effort. You might log a station that no one else has the patience to even try for. Happy un-jamming!

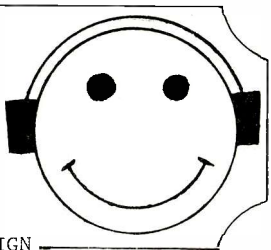
Signal Strength	Interference	Noise	Propagation	Overall Rating
5 Excellent	5 Nil	5 Nil	5 Nil	5 Excellent
4 Good	4 Slight	4 Slight	4 Slight	4 Good
3 Fair	3 Moderate	3 Moderate	3 Moderate	3 Fair
2 Poor	2 Severe	2 Severe	2 Severe	2 Severe
1 Barely Audible	1 Extreme	1 Extreme	1 Extreme	1 Extreme



# HAP PENINGS

## HANDICAPPED AID PROGRAM

TED POLING -HAP DIRECTOR  
P. O. BOX 163  
MT STERLING, IL 62353



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

Until now there has not been time for me to compile a year-end report on HAP's progress during 1975, so here goes.

In 1975 we enrolled 24 new HAPIes and placed a number of pieces of equipment. Two new equipment depots have been, or soon will be, established. A new Assistant Director is in training, and will soon be handling some of my workload. His name will be announced at a later date. New public relation letters, application forms, and other items have been devised and printed. The application forms are again being revised. A manual of HAP operations has been completed and will soon be ready for use. A bookkeeping system has been set up and is being maintained. HAP's postage stamp collection has been revitalized and is now in full operation. HAPINEWS is now being distributed to clubs on a quarterly basis. SPEARHEAD, our publication for HAPIes, is temporarily suspended.

The tape project has generated a profit for HAP & CHAP (Canadian Handicapped Aid Program) and we are now making a division of the profits. I was recently informed that the European section of our IS/ID series was not included on tape-2, because of its unexpected length. Buyers of tape-2 may request a refund of 25¢, or apply it to the purchase of another tape. (Though it will cost 13¢ to apply for the refund). Tapes available now are:

Tape-1 Africa for \$3.50. Tape-2 Asia/N America/etc. now costs \$4.00. Tape-3 Language Identification by Dr Richard Wood sells for \$4.25. Tape-4 Europe costs \$4.00. Order from:

HAP  
P.O. Box 163  
Mt Sterling, IL 62353

or

CHAP  
23 Lamont Ave. \*(NEW QTH)\*  
Weston, Ontario, M9N 2J9 Canada

Tapes delayed by last fall's Canadian Postal strike should be in buyer's hands by this time. I understand there were certain production difficulties which arose during the strike period, that may have caused additional delays in mailing of tapes. Remember, all tapes must be paid for by postal money order or cashier's check. No personal checks!

Within the last three months we have conducted three surveys trying to elicit information which we hoped would help improve our services, reconstitute PALS, and help determine how we can best help overseas HAPs.

Response to the HAPIe survey, which asked for information about services the HAPIe was entitled to receive, his equipment, and other HAP related questions, have been a disappointment so far. If you are a HAPIe and have not replied to this survey, we urge you to do so now. Our blind HAPIes may use the tape they receive every month to make their comments on.

A number of PALS have responded, which is gratifying. No decision has been made on how, or if, this service will be operated in the future.

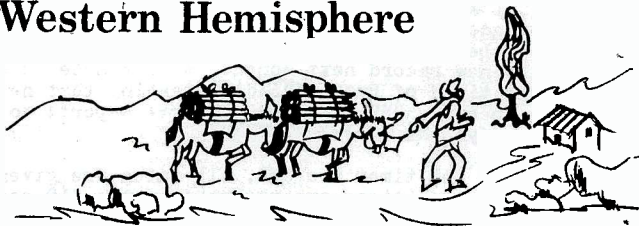
The survey of overseas HAPIes have brought the best response. We plan to put the ideas received together so that HAP Directors can get an idea of what their colleagues think. We want to continue regular contact with HICC (HAP International Coordinating Committee) members on such a basis that it can be maintained without difficulty.

As far as US HAPIes are concerned, we would like to extend our services to school classes for the educable mentally handicapped. Where we can, we are looking into voluntary health care agencies as a source of members. These agencies are apparently not common, and difficult to locate in any case.

January 1976 marked HAP's FOURTH ANNIVERSARY. We started as a one club organization, operating only in the US, and have now grown to an International organization active in six large geographical divisions with over 80 members in the US and United Kingdom alone, plus the support of most US clubs.

HAP no longer has imprinted pens for sale, nor Smile rubber stamps. 73's Ted

# SWBC DX - Western Hemisphere



— EDITOR —

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## LATIN POTPOURRI

The Guatemalan story, the activities of Guatemalan broadcasters in the days following last month's devastating earthquake, is vividly outlined in the various reports. None, however, tell the story quite as completely as the excellent reports, presented below in unedited form, sent in by Glenn Hauser.

**TGN R. CULTURAL:** R. Cultural was the first station to begin relaying TGW, R. Nacional, following the earthquake. Its cooperation was first heard announced on 6180 2/5 at 0444; a check of 3300 at 0451 showed the usual terrible het from Belize. As 6180 deteriorated due to BBC-Cyprus QRM after 0500, and when Belize went off at its usual time around 0510, 3300 became the best channel for TGW coverage. Audio was slightly distorted; probably relay off the air from MW 640. On subsequent evenings thru 2/9 TGN continued relaying TGW, even by 2/9 when a lot of music was again being played instead of a continuous stream of emergency annmts. Stays on past 0700 anyway, and maybe all night for this. (Hauser-IL) 343

**TGMN R. MAM:** R. Mam was the only Guatemalan noted 2/5 besides TGW/TGN with its own special earthquake broadcasts. At 0100 happy marimba music bits mixed with urgent woman relaying "I'm OK" messages; 0102 ID with frequency by man; giving many addresses, phone numbers in Central America of relatives; greg grandiose at 0118 calling hams in Madrid and Mexico to pass on good news, and at 0238, even calling hams in France, in French to call certain numbers; 0245 s/off message in Spanish, then in vernacular; "horrible" musical postlude to 0254\* SIO 444 (Hauser-IL)

**TGW R. NACIONAL:** R. Nacional was main source of earthquake info, non-victim's names and phones of relatives, including some in the USA ( I was able to reach some in Chicago and Houston but both had already received the news from 2 or 3 other callers). This frequency monitored here extensively on GMT 2/5, 2/7 and checked 2/9. The first date, most time was given to non-victim messages, and late in the evening it was announced (at 0444, 0450) that TGN, R. Cultural, was "en cadena". Good, since reception bad 0500 - 0600 during peak of BBC-Cyprus back toward Europe, and hence us, on 6180. At 0505 mentioned that zonas 3, 5 and 6 were worst hit in Guatemala City; better than 3300 after 0600; still going at 0700. 2/7 at 0035 tune in now announcing not only TGN relay but Radio Nuevo Mundo and R. Sensacion; and at 0202 also R. Favorita (all MW only) in "Cadena de la Emergencia"; at 0238 said that non-vi tims would have to deliver messages in person, as phones jammed. 0307, said had direct open line to R. Reloj, Costa Rica, but they were not relaying on 6006; 0434, asked for a ham w/ portable transmitter to set up in GUATEL building to help with phone traffic; 0459 acknowledged call from R. Fabulosa in San Pedro Sula, Honduras about its fund raising marathon and partial relay of TGW; 0540 proclamation of maximum legal prices for beans, etc.; 0703 said was being heard over superpower Mexican KEX-730 (coincidentally on same frequency as TGN). 2/9 0043 net had been renamed "Sistema de Informacion de Emergencia" "encabezada por TGW y todas las emisoras del pais" so by now all stations supposedly relaying; playing more music as things settled down a bit; and signed off w/out anthem at 0556, to return at 6 a.m. local; reception ranged from 333 to 455. (Hauser-IL)

For other Guatemalan reports, see the loggins section.

A report aired by HRN, La Voz de Honduras, and monitored by the BBCMS indicated that Radio Nacional de Honduras was expected to be operational by mid-February. Although not yet reported active, this station is reportedly to broadcast on 890 khz and a frequency in the "40 metre band" (???)

Well, I asked for it and I got it! Another record breaking month with many, many good loggings. Thanks you guys and gals for the support. This column gets better with each report received so keep them coming in. Let's set another new record next month. Make a note to send a report won't you! I'm getting tired of Butterfield's bragging that he gets more reporters than me. Lend an hand, OK? Report! Report! Report! Report! to Western Hemisphere, not that other guy. Hi Bob!!

As usual all times are GMT, all dates are given in the month/day format, and reception conditions are reported in the SIO code. Got to get going with them too! See Y'all next month, God willing!

### ARGENTINA

- 4435 0940 LR?? General Pacheco Radio:w/ OM repeating endlessly " Desde Buenos Aires, capital de la Republica Argentina, transmite General Pacheco Radio" (333 2/10 Vilaro-PR) Narcisco, see pg 35 of Feb. issue. This a PTP UTE stn, not SWBC.
- 6060 0700 LRA31 R. Nacional:w/ "Informa R. Nacional" nx, into LA vocals @ 0705 (433 1/27 Redman-IL)(343 0930 1/20 Jones-MS)(211 1000 1/29 Vilaro-PR)
- 6120 2300 LRX1 R. El Mundo:w/ nx, LA mx, mixing w/Sweden (332 dly Brooks-CT) (111 0835 1/15 Beal-WA)(422 0720 1/27 Redman-IL)
- 6180 0635 LRA34 R. Nacional:w/ relay Buenos Aires per ID @ 0648 (222 1/22 Beal-WA) Beware!! R. Nacional, Guatemala here too!!
- 9690 0058 LRA32 Radiodifusion Argentina al Exterior:w/ SS ID, tlk between OM & YL (222 1/28 Miller-WA)(Zink-CA)(Gunn-IL)(Redman-IL) (Cleveland-CA)(Crews-FL)(243 0259 w/EE ID, tlk on Argentine Government 1/15 Hanavan-CA)(Stephenson-CA)(Earhart-PA)(Rojewski-WA)(Collard-TX)(Dean-OH)
- 11710 2235 LRA35 Radiodifusion Argentina al Exterior:w/SS cl mx pgm into EE @ 2300 (444 2/1 Baron-PA)(Brooks-CT)(Beal-WA)(Stephenson CA)(Yajko-PA)
- 11880 0200 LRS R. Splendid:w/ SS tlk, ID by OM @ 0201 (232 1/17 Trubee-HI) (222 2300 1/24 Trautschold-WI)
- 15345 1428 LRA33 R. Nacional:w/ cl mx, time pips, ID as "R. Nacional de Buenos Aires en Argentina" (433 2/15 Brooks-CT)(433 1730 1/12 Beal-WA)(233 1800 1/24 Perry-QUE)

### BELIZE

- 3300 0150 Radio Belize:w/ EE BBC type commentary pgm, trading in and out with TGNC, R. Cultural (422 2/9 Vecchiola-PA)(322 0239 1/13 White-FL)(323 0506 1/18 Hardester-CA)(333 0500 2/2 Crews-FL) (322 0129 2/7 Brooks-CT)(323 0456 1/18 Miklejewski-MN)

### BOLIVIA

- 4753 0325 CP62 Radioemisora Bolivia:w/ wild LA mx, few anmts, ID as "Radioemisora", strong het from HJKC (--2 2/4 Cleveland-CA)
- 4845 2235 CP72 R. Fides:w/ nx, ads, tlk, TCs, mixing w/ Mauritania (222 1/29 Famularo-NJ)
- 4855 0245 CP59 R. Cobjia:w/ lively LA mx, solid ID @ 0248 "R. Cobjia en Bolivia", moderate QSB (--3 1/22 Cleveland-CA)
- 5007 0050 CP48 R. Universo:w/ anmt "Universo, La Informativa" nxcst (333 2/5 Bixby-CA)

### BRAZIL

- 3385v 2310 ZYF37 R. Congonhas:w/march mx, several TC/IDs, OM anmts (222 squeezed between R. Iris & R. Zaracay 1/25 Miklejewski-MN)
- 4753v 0106 ZYF23 R. Dif. do Maranhão:w/ PP ads, sambas, OM comments elicit laughter (232 1/19 Miller-OH)(332 2305 1/31 Famularo-NJ) (433 0905 1/29 Vilaro-PR) Bill Cleveland, could this be your Bolivian?? Radio Difusora and Radioemisora are awfully close.
- 4785 0147 ZYG35 R. Caiari:w/ PP anmts, vocal mx (333 1/23 Bodell-OR)
- 4855 0925 PRC5 R. Clube do Para:w/ PP mx, ads, TCs (444 1/20 Vilaro-PR)
- 4865 0905 ZYC33 R. Sociedade de Feira de Santana:w/ ID, tlk, mx (111 1/20 Vilaro-PR)(343 0805 1/10 Trochimczyk-DC)
- 4985 0610 ZYX2 R. Brasil Central:w/EE/PP pop mx, ID @ 0629 (322 1/7 Crable-ID)(Redman-IL)(Trautschold-WI)(Cleveland-CA)(Crews-FL)(Dean-OH)(Fleming-TX)(Yajko-PA)(Trochimczyk-DC)(Miller-WA)
- 5015 0118 ZYX24 R. Cultura de Cuiaba (Presumed):w/ U.S. pops, ads, PP tlk (222 1/23 Bodell-OR)

BRAZIL (cont.)

- 5025 0335 ZYJ21 R. Borborema:w/ slow dreamy mx, off @ 0432 (232 1/16 Miklejewski-MN)
- 5045 2330 ZYB63 R. Dif. Presidente Prudente:w/ ballads, TC, ID @ 2344 (121 1/17 Laves-TX)
- 5965 0215 ZYU60 R. Guaiba:w/ ID, 5 TC pips each 15 minutes, // 11785 where better (211 2/7 Brookwell-CA)(433 0045 1/22 Zilmer-WI)
- 6000 0000 PRK5 R. Inconfidência:w/ ID, ads, PP tlc (433 1/13 Yajko-PA) (333 0104 1/23 Bodell-OR)
- 6015 0015 ZYB85 R. Clube de Pernambuco:w/ PP ads, mx (322 1/23 Zilmer-WI)
- 6030 2155 PRL8 R. Nacional de Brasília:w/ end EE pgm w/ address, into PP nx @ 2200 (222 1/19 Gunn-IL)
- 6085 0026 ZYB87 R. Jornal do Comércio:w/ rapid PP tlc, under CBC, seemingly // 6015 (322 1/23 Bodell-OR)
- 6095 0040 ZYB7 R. Tupi, São Paulo:w/ spts bcst (433 1/22 Zilmer-WI)
- 6155 0830 ZYN30 R. Cultura da Bahia:w/ Brazilian vocals, OM intros (433 2/10 Redman-IL)(Jones-MS)(Perry-QUE)(Zilmer-WI)
- 6165 0015 ZYB419 R. Cultura, São Paulo:w/ OM tlc (433 1/22 Bixby-CA)
- 6185 2300 ZYR77 R. Bandeirantes:w/ tlc, mx incl some U.S. discs in EE (422 1/27 Zilmer-WI)
- 9595 0040 ZYN29 R. Cultura da Bahia:w/ mx, ads, tlc (323 1/18 Fleming-TX) (333 0041 1/26 Dean-OH)(343 2355 1/21 Zilmer-WI)
- 9635 2350 ZYR236 R. Aparecida:w/ Brazilian mx, IDs (343 1/8 Baumgartner-ONT)(Zilmer-WI)(Yajko-PA)(Jones-MS)
- 9645 0850 ZYR78 R. Bandeirantes:w/ IDs, ads, Brazilian mx (333 1/15 Zimarowski-MA)(333 2250 1/24 Zilmer-WI)
- 9675 1012 ZYT29 R. Diário da Manhã:w/ tlc abt economy, ID @ 1015 (222 1/14 Beal-WA)(443 0924 1/17 Jones-MS)
- 9685 0005 ZYR227 R. Gazeta:w/ PP tlc, Brazilian mx (342 1/22 Zilmer-WI)
- 9695 2200 ZYB61 R. Rio Mar:w/ PP anmts, Brazilian mx (333 1/25 Jernakoff-NY)(433 0035 1/8 Baumgartner-ONT)(433 0029 1/17 Zilmer-WI) (444 2244 1/12 Brooks-CT)(343 0050 1/25 Earhart-PA)
- 9705 0000 ZYZ24 R. Mauá:w/ PP tlc (433 2/1 Zilmer-WI)
- 11765 0015 ZYB8 R. Tupi:w/ Brazilian mx pgm (333 1/27 Yajko-PA)(--3 0020 1/20 Cleveland-CA)(222 0120 2/8 Brookwell-CA)
- 11780 2331 PRL8 R. Nacional de Brasília:w/ EE ID, features, Brazilian mx (444 1/19 Suinicki-MI)(Deaton-GA)(Famularo-NJ)(Kerrigan-IL) (Trauttschold-WI)(Miklejewski-MN)(Yajko-PA)(Earhart-PA)
- 11785 0100 ZYU61 R. Guaiba:w/ PP ID, occasional musical interludes amidst 2 OM tlc (343 1/11 Dean-OH)(--3 0024 1/20 Cleveland-CA)(444 0145 2/8 Brookwell-CA)
- 11805 0255 ZYZ65 R. Globo:w/ pop mx pgm, jingles (353 2/2 Earhart-PA)(Dean-OH)(Yajko-PA)(White-FL)(Cleveland-CA)
- 11815 0425 ZYW24 R. Brasil Central:w/ LA mx, ID (212 2/9 Brookwell-CA)
- 11865 0000 ZYB85 R. Clube de Pernambuco:w/ tlc, anmts, Brazilian mx (433 1/31 Zilmer-WI)(--2 0031 1/22 Cleveland-CA)(323 1/27 Yajko-PA)
- 11915 0028 PRC23 R. Gaúcha:w/ PP anmts, mention of Brazil, KOed by HCJB FF svc. @ 0032 (122 1/28 Miller-WA)(433 2315 1/27 Zilmer-WI)
- 11925 0000 ZYR78 R. Bandeirantes:w/ tlc over background crowd chatter (443 1/29 Zilmer-WI)
- 11935 2331 ZYS35 R. Clube Paranaense:w/ Brazilian mx, ads, IDs (322 1/18 Zink-CA)(--2 0024 1/22 Cleveland-CA)(332 0010 1/29 Zilmer-WI) (443 0010 1/11 Earhart-PA)
- 11950 2150 ZYD3 R. Ministério da Educação:w/ cl mx, PP nx (332 1/26 Zimarowski-MA)(--2 0015 1/20 Cleveland-CA)
- 15145 1900 ZYB87 R. Jornal do Comércio:w/ rapid PP tlc, electronic jingles Brazilian mx, ID @ 1932 (322 1/25 Zilmer-WI)
- 15445 2325 PRL8 R. Nacional de Brasília:w/ Brazilian vocals, IDs (343 2/8 Redman-IL)

CANADA

- 5960 0541 CBC Northern Service:w/ cl mx, EE ID (322 1/20 Zink-CA)
- 5970 1115 R. Canada International:w/ end FF into EE @ 1115 with MAGAZINE OF THE WEEK pgm (554 12/20 Miller-CA)
- 6005 2027 CFCX, Montreal:w/ mx, ID as "Radio 60", TC, DJ chatter (433 1/27 Famularo-NJ)(454 1735 2/8 Vecchiola-PA)
- 6020 0230 R. Canada International:w/ FF ID, tlc (333 2/2 Dean-OH)
- 6070 0000 CFRX, Toronto:w/ DIALOGUE pfm, ads (322 1/13 Deaton-GA)(Dean-OH) (Van Fossen-OH)(Redman-IL)(Vecchiola-PA)(Jones-MS)
- 6080 2345 R. Canada International:w/ AS IT HAPPENS pgm relayed from CBC (444 1/23 Rojewski-WA)

CANADA (cont.)

- 6085 0057 R. Canada International:w/ IS, EE ID, nx, wx, CANADA THIS WEEK  
pgm (444 1/27 Miller-WA)(433 0136 1/14 Dean-OH)
- 6130 1759 CHNX, Halifax:w/ ID, into world and local nx (353 2/8 Vecchiola-  
PA)(312 1045 1/20 White-FL)(322 2100 1/26 Famularo-NJ)
- 6135 0554 R. Canada International:w/ CROSS CANADA NEWS (454 1/9 Hanavan-CA)  
(444 0450 12/20 Miller-CA)
- 6140 0405 R. Canada International:w/EE nx, spts @ 0415 (444 2/4 Henning-CA)  
(554 0738 1/12 Smith-FL)(554 0425 12/21 Miller-CA)
- 6160 2300 CKZN St. Johns:w/ relay CJNF, then CBC nx summary, ID as the  
\*Newfoundland network of CBC\* (422 1/22 Zilmer-WI)
- 6175 0300 BBC, via Sackville:w/ std. pgms (433 1/19 Dean-OH)
- 9445 2200 CBC Armed Forces Svc.:w/ ID, relay CBC nx to Europe (333 1/22  
Rojewski-WA)
- 9535 0032 R. Canada International:w/ SS to Latin America, ID and off @  
0058 (433 1/26 Miller-WA)
- 9570 2100 R. Canada International:w/ EE nx to Europe ex-9640 and // 11860  
(433 1/24 Zilmer-WI)
- 9625 1650 CBC Northern Service:w/ piano mx, ID, address, nx (434 1/18  
Famularo-NJ)(243 1817 1/11 Dean-OH)
- 9650 1157 CBC Armed Forces Svc.:w/ review of olympics, nx, tlk, mx  
(455 1/28 Osborne-FL) You sure this freq.? My sked lists  
9560 khz via BBC Daventry, England at this time. Or is this  
RCI down 5 khz from 9655 to Caribbean? You list CBC though!!
- 11860 2100 R. Canada International:w/ EE nx // 9570. Is ex- 11895 khz  
(443 1/24 Zilmer-WI)
- 11865 1850 R. Canada International:w/ EE nx to Africa, off @ 1857 (333 1/22  
Rojewski-WA)

CHILE

- 6135 1037 CE613 R. Universidad de Concepción:w/ PANORAMA INFORMATIVA nx  
into cl mx (433 2/6 White-FL)(222 0845 1/18 Brookwell-CA)
- 9565 0209 CE956 R. Nacional de Chile:w/ THE VOICE OF CHILE pgm, YL nxcst  
(433 2/10 Deaton-GA)(433 0230 2/1 Cohen-NJ)(222 0115 1/21  
Rojewski-WA)(343 0110 1/25 Earnhart-PA)(111 0145 1/26 Miller-WA)
- 9590 0130 CE959 R. Presidente Balmaceda:w/ SS vocals, guitar mx, OM anmts  
KOed by R. Nederland @ 0155 (433 1/20 Agner-NJ)(333 1000 1/14  
Beal-WA)(444 2355 1/14 Fleming-TX)(344 0155 2/10 Vecchiola-PA)
- 9650 1037 CE965 R. Tiki:w/ "La dimensión 146" slogan, ID as "R. Tiki", U.S.  
& L.A. pop mx intermingled with nx items (332 1/29 Jones-MS)
- 9690 1015 CE969 LV de Chile:w/ SS local and world nx, severe buzz QRN  
(323 1/14 Beal-WA)
- 9750 1028 CE975 R. Minería:w/ end nx, into ad string, tlk on Angolan war  
(444 1/26 Miklejewski-MN)(322 1036 1/14 Beal-WA)
- 15150 0219 CE1515 R. Nacional de Chile:w/ THE VOICE OF CHILE pgm, EE ID,  
YL nxcst (242 1/14 Brooker-MI)(322 2320 1/23 Stephenson-CA)  
(343 2301 1/26 Yajko-PA)

CLANDESTINE

- 12080 2015 R. Euzkadi:w/ multi-language IDs (434 1/30 Baron-PA)

COLOMBIA

- 2740 0500\* HJNU Ecos del Rionegro:w/ 2x 1370 harmonic likely the RCN stn  
noted to 0500\* when gave location as "desde Rionegro (???)  
1/28 Hauser-IL)
- 4755 0550 HJKC Emisora Nuevo Mundo:w/ LA mx, TC/IDs, CARACOL network promo  
(--2 1/22 Cleveland-CA)(433 0335 1/21 Redman-IL)
- 4785 0945 HJLW Ecos del Combeima:w/ Colombian mx, ID mentions Super Radio  
network affiliation (322 1/10 Tannenwald-NY)(Trochimczyk-DC)  
(Vilaró-PR)(Cleveland-CA)(Brookwell-CA)(Redman-IL)(Miller-WA)
- 4865 0905 HJLZ LV del Cinaruco:w/ Colombian mx, frequent mentions of "aquí  
en Arauca" (212 1/20 Vilaró-PR)
- 4885 0405 HJIG Ondas del Meta:w/ pgm of tango mx, mentions of TODELAR  
(433 1/23 Trochimczyk-DC)(--3 0430 1/18 Smith-IN)(--2 0432  
1/20 Cleveland-CA)(444 0450 1/14 Redman-IL)
- 4915 0501 HJSG R. Guatapurí:w/ OM ID, off w/ anthem @ 0502 (--2 1/18 Smith-  
IN)(333 0209 1/23 Miller-OH)(343 1100 1/29 Jones-MS)
- 4945 0450 HJDH R. Colossal:w/ mx, ads, repeated IDs (322 1/31 Stephenson-CA)  
(Van Fossen-OH)(Kurtz-MN)(Vilaró-PR)(Fleming-TX)(Redman-IL)  
(Thompson-NM)(Cleveland-CA)(Tannenwald-NY)(Quinn-NY)(Smith-AL)  
(Miller-WA)

COLOMBIA (cont.)

- 4955 0305 HJCC R. Nacional:w/ choir mx, ID (343 1/27 Trauttschold-WI)(Dean-OH)(Perry-QUE)(Cleveland-CA)(Redman-IL)(Miller-WA)(Suinicki-MI)(Baumgartner-ONT)(Famularo-NJ)
- 4965 0700 HJAE R. Santa Fé:w/ pop mx, reverb IDs, TCs (444 12/30 Van Fossen-OH)(Baron-PA)(Fleming-TX)(Cleveland-CA)(Redman-IL)(Smith-IN)(Trauttschold-WI)(Famularo-NJ)
- 5010 1058 HJOX R. Surcolombiana:w/ ID, SS tlc (322 2/4 Jones-MS)(142 0420 w/ ID, LA mx 1/16 Miklejewski-MN)
- 5020 2355 HJCP Ecos del Atrato:w/ LA mx, rapid fire IDs, ads (333 1/23 Cohen-NJ)(Brookwell-CA)(Zimarowski-MA)(Sparks-CA)(Laves-TX)
- 5035 0358 HJIC LV de Caquetá:w/ sign off anmts, mention RCN, off @ 0401 (343 1/16 Miklejewski-MN)
- 5075 1145 HJGC R. Sutatenza:w/ C & W mx (333 1/15 Gunn-IL)(Baron-PA)(Dean-OH)(Kurtz-MN)(Miller-WA)(Suinicki-MI)(Cleveland-CA)(Thompson-NM)
- 5095 0327 HJGG R. Sutatenza:w/ IDs, many SS anmts (434 1/17 Kerrigan-IL)(343 2/22 2/1 Trauttschold-WI)(444 1132 2/3 Brooker-MI)
- 5955 0030 HJNX R. Super de Medellín:w/ SS anmts, ID (333 1/27 Yajko-PA)
- 5990 0115 HJ?? LV de los Centauros:w/ ID, ad string, into nx sponsored by Loteria del Meta. Then El PALACIO DE RECUERDOS request mx pgm (333 2/3 Whitehead-MA)(444 0917 1/29 Vilar6-PR)(434 0210 1/14 Fleming-TX)(433 1145 1/20 Zilmer-WI)(433 0200 1/23 Agner-NJ)(323 0135 1/18 Miklejewski-MN)
- 6030 \*1200 HJZJ R. Nacional:w/ anthem, ID, fqys, chimes, sked, then BBC EE lessons (342 1/16 Jones-MA)(Beal-WA)(Perry-QUE)
- 6065 0530 HJAX R. Super:w/ pop music, many IDs (322 1/31 Stephenson-CA)(Suinicki-MI)(Baron-PA)(Redman-IL)(Van Fossen-OH)(Yajko-PA)
- 6075 1105 HJID R. Sutatenza:w/ course in "Calculo y Comunicación" (333 2/3 Vilar6-PR)
- 6095 1005 HJIW LV del Centro:w/"La Internacional" ID in BUENOS DIAS pgm (222 1/29 Vilar6-PR)
- 6115 0155 HJIE LV del Llanow:w/ LA mx, ID, nxcst (323 1/14 Fleming-TX)(322 2330 1/17 Jones-MS)(323 1135 1/22 Yajko-PA)(444 1/29 Vilar6-PR)
- 6120 0730 HJ?? R. Super de Cali:w/ "La música de Argentina", many IDs (433 2/5 Redman-IL)(322 1054 2/3 Jones-MS)(422 1130 2/3 Zilmer-WI)(222 0000 2/10 Fleming-TX)(211 1030 1/29 Vilar6-PR)
- 6150 0700 HJJT LV del Huila:w/ LA mx, DJ format, ID?TC (222 1/20 Brookwell-CA)(Fleming-TX)(Perry-QUE)(Agner-NJ)(Vilar6-PR)(Yajko-PA)
- 6160 2342 HJKJ Emisora Nueva Granada:w/ Frequent IDs, pop mx (343 1/15 Brooks-CT)(Jernakoff-NY)(Redman-IL)(Jones-MS)(Famularo-NJ)
- 6170 0145 HJBJ LV del Huila:w/ mx, TCs, ads, ID @ 0159 (423 1/13 Fleming-TX)
- 6180 0525 HJOO R. Nacional:w/ spts event (--3 2/3 Cleveland-CA) Bill, I believe you have R. Nacional de Guatemala here, not Colombia.
- 9633 0110 HJZM R. Nacional:w/ SS tlc // 4955 hetting 9630 and 9635 stns (--? 2/4 Hauser-IL)(333 1330 2/2 Vilar6-PR)(322 1159 w/ BBC "INGLES POR RADIO" 1/26 Miklejewski-MN)
- 15335 1830 HJZP R. Nacional:w/ cl mx, SS ID (333 1/24 Perry-QUE)(Zink-CA)(Beal-WA)(Fleming-TX)(Famularo-NJ)(Miklejewski-MN)

COSTA RICA

- 4832 0415 TIHB R. Capital:w/ SS ballads, IM ID @ 0427 (333 2/1 Crable-ID)(Gunn-IL)(Famularo-NJ)(Thompson-NM)(Vilar6-PR)(Baron-PA)(Van Fossen-OH)(Redman-IL)(Cleveland-CA)(Miller-WA)(Smith-IN)(Earhart-PA)(Whitehead-MA)
- 6006 1230 TIHB R. Reloj:w/ OM SS nxcst, spts nx (222 1/20 Gunn-IL)(Baron-PA)(Fleming-TX)(Dean-OH)(Redman-IL)(Trauttschold-WI)(Yajko-PA)
- 6150 0500 TIRS R. Atenea:w/ SS tlc, lots of IDs, LA music (444 1/24 Jernakoff-NY)
- 9645 0400 TIFC Faro del Caribe:w/ EE rel. pgm (333 1/23 Osborne-FL)(344 1224 1/16 Miklejewski-MN)
- 9664 0725 TIHB R. Capital:w/ mx, IDs. Is 2x 4832 (333 1/31 Crews-FL)
- 12012 2235 TIHB R. Reloj:w/ OM & YL tlc, mx. Is 2x 6006 (--2 1/12 Smith-IN)

CUBA

- 6060 0430 RHC:w/ SS mx pgm, many IDs, OM & YL tlc (554 1/1 Miller-CA)(242 0254 1/12 Trauttschold-WI)
- 9525 0630 RHC:w/"THIS WEEK IN THE NEWS" into "CUBAN PROFILE" pgm (233 1/26 Miller-WA)(Miller-CA)(Zink-CA)(Rojewski-WA)
- 9530 0720 RHC:w/ EE mx, cmntry, Cuban mx (343 1/12 Smith-FL)

CUBA (cont.)

9565 0458 RHC:w/ sign on of SS svc. Chile underneath (444 2/1 Earhart-PA)  
 9680 1228 RHC:w/ SS tlk on "comités para defensa de la revolución" but on  
 reduced-carrier SSB, possibly unintentionally (2/4 Hauser-IL)  
 9770 0130 RHC:w/ mx, SS tlk (222 2/6 Gunn-IL)  
 11720 2000 RHC:w/ SS tlk on Angola, QRM from CBC NS co channel (333 1/31  
 Trautschold-WI)(343 2100 w/ AA after EE ID 1/17 Earhart-PA)  
 11760 2230 RHC:w/ SS ID @ 2230, then mx pgm (444 2/8 Henning-CA)(Dean-OH)  
 11815 2103 RHC:w/ \*P.O. BOX 70-26\* pgm (554 2/12 Smith-AL)(Trautschold-WI)  
 (Earhart-PA)(Cohen-NJ)(Famularo-NJ)(Miller-WA)  
 11970 2145 RHC:w/ YL & OM tlk, ID @ 2200 (333 1/20 Larson-WI)(Trautschold-WI)  
 15190 2345 RHC:w/ Usual SS features, mx // 15230 (333 1/14 Brookwell-CA)  
 15230 0220 RHC:w/ mx, ID, much fading (141 1/19 Dean-OH)(Gunn-IL)  
 17750 2120 RHC:w/ EE tlk on Panama Canal (333 1/12 Larson-WI)(Trautschold-WI)  
 17950 2105 RHC:w/ EE IS, mention of 3rd world, same phrases repeated over  
 and over, possible test (243 1/20 Hardester-CA)

DOMINICAN REPUBLIC

4807 0920 HIAQ R. Norte:w/ ID, pop mx, TC between each disc (433 1/10  
 Trochimczyk-DC)(333 0500 2/1 Crews-FL)(--3 0250 1/20 Cleve-  
 land-CA)(222 1158 1/29 Miklejewski-MN)  
 4850 0330 HIRL R. Clarin:w/ Dominican pop mx, ads, IDs (433 1/28 Cohen-NJ)  
 (Trochimczyk-DC)(Thompson-NM)(Cleveland-CA)(Redman-IL)  
 (Trautschold-WI)(Perry-QUE)(Miller-WA)  
 4930 2350 HIBE R. Mil:w/ many ads, LA pop mx, frequent IDs (322 2/7  
 Miller-OH)(433 2340 2/8 Redman-IL)  
 9505 0539 HISD R. Televisión Dominicana:w/ LA mx, TC (--3 1/19 Cleveland-CA)

ECUADOR

3280 0146 HCVN7 LV del Napo:w/ SS nxcst (322 1/24 Miller-OH)  
 3340 1140 HCVA4 R. El Mar:w/ mixed mx pgm, ads, ID as R. Tropical-R. El Mar  
 (232 1/20 Miklejewski-MN)  
 3380 1140 HCRY4 R. Iris:w/ Andean choral mx, several IDs (433 2/1 Redman-IL)  
 (332 1150 1/18 Jones-MS)(333 1147 1/27 Yajko-PA)(333 1125  
 1/25 Miklejewski-MN)  
 3390 0403 HCOT1 R. Zaracay:w/ LA mx, ads, IDs (433 1/10 Baumgartner-ONT)  
 (Cleveland-CA)(Brookwell-CA)(Trochimczyk-DC)(Crews-FL)(Gunn-IL)  
 3985 1140 HCER5 R. Escuelas Radiofónicas Populares:w/ pgm of pop vocals,  
 OM ancr (222 1/29 Miklejewski-MN)  
 4680v 0410 HCWE1 R. Nacional Espejo:w/ orchestral mx, many IDs, SS tlks  
 (343 2/4 Thompson-NM)(Redman-IL)(Famularo-NJ)(Brooker-MI)  
 (Trautschold-WI)(Trochimczyk-DC)(Cleveland-CA)(Hardester-CA)  
 (Brookwell-CA)(Smith-AL)(Perry-QUE)(Miller-WA)  
 4765 1101 HCAJ2 R. C.R.E.:w/ ID, calls, fqys, into nx (332 1/20 Jones-MS)  
 4772v 1156 HCWD2 R. Genit:w/ ad for "American Gentlemen" mens wear, ID @  
 1200 into nx (232 1/23 Miklejewski-MN)(Redman-IL)(Cleveland-CA)  
 4790 0432 HCVF2 Emisora Atalaya:w/ LA vocal & inst. mx, OM IDs (332 1/29  
 Carble-ID)  
 4800 0535 HCMB5 R. Popular Independiente:w/ nice Andean mx, IDs as "R.  
 Popular, Cuenca" (323 1/18 Miklejewski-MN)  
 4815 0405 HCRF4 R. Canal Manabita:w/ OM TC, ID, into LA contemps (332 1/10  
 Bixby-CA) Nice catch Mark!! Not heard in some time.  
 4820 1000 HCRT6 R. Paz y Bien:w/ ID, AMANECER ECUATORIANO pgm (323 2/2  
 Vilar6-PR) Be sure of ID here!! HRVC also here and similar  
 4826 0400 HCAV3 R. Luz y Vida:w/ YL ancr spinning Andean tunes, ID  
 (--2 1/20 Cleveland-CA)  
 4870 \*1137 HCGM7 R. Rio Amazonas:w/ SS/Indian anthem, call, ID, Fqy, into  
 rel. songs (332 1/16 Jones-MS)  
 4891 0400 HCER5 R. Centinela del Sur:w/ spts broadcast, TC/ID, pop mx pgm  
 (354 2/6 Sparks-CA)  
 4910 0510 HCMJ1 Emisoras Gran Colombia:w/ lively LA mx, ID and final armts  
 @ 0531\* (--2 1/22 Cleveland-CA)  
 4923 0420 HCRQ1 R. Quito:w/ violin mx, ID & off @ 0425 (333 1/18 Quinn- NY)  
 (Redman IL)(Baumgartner-ONT)(Trochimczyk-DC)(Hardester-CA)  
 (Fleming-TX)  
 4930 0136 HCCR1 R. Casa de la Cultura Ecuatoriana:w/ gongs, then ID; cl mx  
 pgm (322 1/20 Agner-NJ)(Redman-IL)(Cleveland-CA)(Trochimczyk-  
 DC)(Fleming-TX)(Jones-MS)(Miller-OH)(Stephenson-CA)  
 4960 0205 HCFS R. Federación:w/ nx, ID/TC Ecuadorian mx (432 2/3  
 Zimarowski-MA)(323 1201 1/15 Jones-MS)



ECUADOR (cont.)

- 5025 0446 HCOB5 R. Splendit:w/ ID, pop mx, ads (332 2/11 Jones-MS)  
 5060 1130 HCEH3 R. Nacional Progreso:w/ LA mx, tlk (442 1/22 Zilmer-WI)  
 (333 1127 2/2 Jones-MS)  
 6050 1110 HCJB LV de los Andes:w/ SS ID @ 1115, Andean style mx (353 1/17  
 Earhart-PA)  
 6075 1200 HCJB:w/ end JJ into SS tlk, rel. mx (333 1/28 Gunn-IL)(433 1120  
 1/11 Earhart-PA)  
 6095 0230 HCJB:w/ DX PARTY LINE (444 1/19 Collard-TX)(Trautschold-WI)  
 (Dean-OH)(Miller-CA)(Larson-WI)(Miller-WA)  
 6130 0559 HCJB:w/ GG rel. pgm (333 1/9 Hanavan-CA)  
 9560 0530 HCJB:w/ EE rel. pgm (444 2/8 Henning-CA)(Osborne-FL)(Jones-MS)  
 (Miller-CA)(Smith-FL)(Hanavan-CA)(Dean-OH)(Miller-WA)  
 9580 0200 HCJB:w/ PASSPORT pgm (344 1/23 Gunn-IL)  
 9745 0130 HCJB:w/ DX PARTY LINE, definitely here not 9560 as announced  
 (444 2/1 Thompson-NM)(Gunn-IL)(Earhart-PA)  
 9765 1200 HCJB:w/ mx, tlk in unidentified language (344 1/18 Gunn-IL)  
 11745 1437 HCJB:w/ religious pgm (434 1/17 Dean-OH)(444 2130 1/24 Traut-  
 schold-WI)(344 1600 2/3 Gunn-IL)(454 1300 1/8 Earhart-PA)  
 11890 2357 HCJB:w/ SS anmts to end bcst (232 1/24 Trautschold-WI)  
 11910 1330 HCJB:w/ mx, SS rel tlk (444 1/19 Gunn-IL)  
 11915 0330 HCJB:w/ GRACE WORSHIP HOUR pgm (232 1/27 Miller-WA)(544 1500  
 1/6 Smith-FL)  
 15115 2002 HCJB:w/ Semiclassical mx, SS nx @ 2035, ID (343 1/20 Hardeste-  
 CA)(Crable-ID)(Gunn-IL)(Fleming-TX)  
 15160 1930 HCJB:w/ SS nxcst (444 12/22 Miller-CA)  
 15300 1900 HCJB:w/ EE ENCOUNTER pgm to Europe (343 1/18 Fleming-TX)(333  
 1930 w/ DX PARTY LINE 1/24 Rojewski-WA)  
 15315 1333 HCJB:w/ SHALOM pgm (433 1/13 Smith-FL)  
 17730 1830 HCJB:w/ ID @ 1830 into GG rel. tlk (544 1/4 Van Fossen-OH)  
 17755 1735 HCJB:w/ CALL OF THE ANDES pgm, into Norwegian (222 1/8 Smith-FL)  
 (Gunn-IL)(Hanavan-CA)(Earhart-PA)

FRENCH GUIANA

- 3385 0925 RFI Region III, Cayenne:w/ mx, ads, OM nx direct from Paris @  
 0930 (323 2/10 Vilar6-PR)(222 0943 2/11 Bodell-OR)(343 1036  
 1/12 White-FL)  
 4972 0107 RFI Region III, Cayenne:w/ YL closing anmts, "Marseillaise" and  
 off (322 1/23 Miller-OH)(212 0935 2/10 Vilar6-PR)

GALAPAGOS ISLANDS

- 4810 1212 HCVG8 LV de Galápagos:w/ Sea bird calls, mx to ID by YL, prayer,  
 religious mx to nx @ 1230 (343 1/29 Miklejewski-MN)(--1  
 0234 1/22 Cleveland-CA)(433 0230 1/22 Agner-NJ)

GUATEMALA

- 2390 0223 TGDF LV de Atilán:w/ mx, occasional SS anmts (322 2/9 Fleming-  
 TX)(343 0235 1/23 Thompson-NM)  
 3300 0148 TGNC R. Cultural:w/ nx, instructions regarding earthquak aid,  
 listing all stations on national emergency radio network at  
 frequent intervals (333 2/7 Brooks-CT)(323 1030 2/7 Vilar6-  
 PR)(333 0625 2/7 Zimarowski-MA)(433 0415 2/5 Redman-IL)(433  
 0300 1/24 Collard-TX)(333 1141 1/27 Yajko-PA)(322 0305 1/20  
 Rojewski-WA)(343 1110 2/8 Miller-OH)(--2 0340 1/20 Cleveland  
 CA)(322 0300 1/16 Kreis-WI)(333 0013 2/2 Baron-PA)  
 3325 0030 TGBA R. Maya de Barillas:w/ interviews, acknowledgement of aid  
 (433 2/9 Fleming-TX)(322 0030 2/9 Deaton-GA)(433 1201 1/18  
 Jones-MS)  
 3360 0345 TGVN LV de Nahualá:w/ Marimba mx, tlk (--1 1/20 Cleveland-CA)  
 (232 0324 1/31 Brooker-WI)(322 0245 1/29 Gunn-IL)  
 3380 0050 TGCH R. Chortis:w/ Health and welfare messages, occasional mx  
 on national emergency network (423 2/9 Fleming-TX)(322 0455  
 2/8 Trochimczyk-DC)(433 0107 1/22 Bixby-CA)  
 4825 0220 TGMN R. Mam:w/ Marimba mx, anmts in SS and Indian dialect (333  
 2/4 Naylor-CA)(333 0215 2/3 Trautschold-WI)(433 0245 2/5  
 Redman-IL)  
 4835 0441 TGTZ R. Tesulutlán:w/ TENTATIVE logging of piano mx, SS tlk  
 (322 1/24 Trochimczyk-DC)  
 6180 0745 TGWB R. Nacional de Guatemala:w/ nx of earthquake victims, cl mx  
 (444 2/5 Redman-IL)(422 0415 1/22 Zilmer-WI)(423 0045 1/28  
 Fleming-TX)(433 1239 2/9 Jones-MS)

GUYANA

- 3290 0130 GBS Action Radio:w/ blow by blow account of prize fight, some CW & SSB QRM (433 2/9 Vecchiola-PA)(433 0830 1/26 Vilar6-PR) (332 0210 1/30 Fleming-TX)(322 1003 1/23 Miklejewski-MN)  
 5950 1007 GBS Action Radio:w/ YL local and Caribbean nx (453 2/1 Jones-MS)

HAITI

- 3345 0013 4VSO R. 4VEH:w/ cl mx, EE bible tlks (433 2/2 Baron-PA)(454 1119 1/15 White-FL)(243 1116 1/20 Miklejewski-MN)(312 2/8 Vilar6-PR)  
 9770 1800 4VEH R. 4VEH:w/ ltrs to Billy Graham (433 2/8 Cohen-NJ)(Yajko-PA) (Famularo-NJ)(Miklejewski-MN)(Osborne-FL)  
 11835 1213 4VEJ R. 4VEH:w/ wx, anmt, ID, rel. tlk (444 1/19 Famularo-NJ) (444 0030 1/11 Brookwell-CA)(??? 1530 1/19 Gunn-IL)

HONDURAS

- 4820 0430 HRVC LV Evangelica:w/ NIGHTWATCH & CHAPEL OF THE AIR transcribed pgms, 0500\* (433 12/29 Var. Fossen-OH)(Dean-OH)(Cleveland-CA) (Redman-IL)(Trautschold-WI)(Smith-IN)(Earhart-PA)  
 4890 0600 HRVL R. Lux:w/ test xmsn, pop songs, ID, 0610\*(354 2/5 Sparks-CA)  
 4920 2310 HRPL3 R. Progreso:w/ tlk on responsibilities of citizenship and arithmetic lesson (434 1/23 Fleming-TX)(Crews-FL)(Quinn-NY) (Jones-MS)(Cleveland-CA)  
 5875 2353 HRN LV de Honduras:w/ SS tlk, ID (323 1/30 Baron-PA)(--2 0515 2/3 Cleveland-CA)  
 6000 0716 HR?? R. Swan:w/ LA music, many IDs (322 1/18 Zimarowski-MA) (323 0655 2/9 Fleming-TX)(433 1130 2/4 Zilmer-WI)(333 1131 1/22 Yajko-PA)(333 1139 1/21 Jones-MS)  
 6125 2304 HRQ R. Suvapa:w/ nx, IDs, mx (343 1/20 Brooks-CT)(322 2328 w/ "La Carinosa" anmt, tlk, ads, lively pgm 1/17 Jones-MS)

MARTINIQUE

- 3315 2335 RFI Region III, Fort de France:w/ FF tlk, mx pgm (333 1/24 Yajko-PA)(222 2215 1/25 Vilar6-PR)(222 1004 1/12 Leistner-CA)

MEXICO

- 5980 0240 XERMX R. México:w/ RADIO CORREO DEL AIRE (423 1/14 Fleming-TX) (343 0420 w/ HISTORIA MEXICANA 1/18 Miklejewski-MN)  
 6105 0420 XEQM Su Pantera:w/ OM ancr, IDs, TCs, U.S. pop mx (333 1/12 Bixby-CA)(322 0359 1/25 Agner-NJ)  
 6115 2215 XEUDS R. Universidad de Sonora:w/ cl mx, SS anmts (454 1/24 Thompson-NM)(444 2300 2/8 Henning-CA)(--3 0005 1/20 Cleveland-CA)(232 2119 1/29 Bodell-OR)(333 1/13 Fleming-TX)  
 9705 2305 XERMX R. México:w/ Mexican mx pgm, request for reports (444 1/25 Rojewski-WA)(534 1430 12/24 Van Fossen-OH)  
 15385 2215 XERMX R. México:w/ Mexican mx, ID (444 1/15 Woltman-WI)(Redman-IL)(Fleming-TX)(Cleveland-CA)(Van Fossen-OH)(Somers-CA) (Famularo-NJ)(Zink-CA)(Crable-ID)(Miller-CA)(Stephenson-CA) (Vilar6-PR)

NETHERLANDS ANTILLES

- 6020 0150\* R. Nederland, Bonaire:w/ SS LA Svc. off (242 1/17 Trubee-HI)  
 6165 0500 R. Nederland, Bonaire:w/ DX JUKEBOX pgm (433 1/15 Kurtz-MN) (Deaton-CA)(Dean-OH)(Baron-PA)(Trautschold-WI)  
 6190 0440\* TWR, Bonaire:w/ ID, IS, anmt to tune to 9760 (433 1/17 Zilmer-WI)  
 9590 0247 R. Nederland, Bonaire:w/ EE mx, het (311 1/14 Dean-OH)  
 9760 \*0445 TWR, Bonaire:w/ ID, IS, into Arabic pgm (433 1/17 Zilmer-WI)  
 11815 \*2205 TWR, Bonaire:w/ IS, ID, s/on in FF (554 2/5 Quinn-NY)(444 \*1105 w/ BACK TO THE BIBLE pgm, bible story 1/10 Earhart-PA)  
 11925 0030 TWR, Bonaire:w/ "A THOUGHT FOR TODAY pgm (444 1/20 Agner-NJ) (433 0029 1/18 Rojewski-WA)  
 15255 1415 TWR, Bonaire:w/ EE nx, rel. pgm. Sat. & Sunday only (444 1/11 Earhart-PA)  
 17810 2020 R. Nederland, Bonaire:w/ Dutch lang pgm (232 1/25 Trautschold-WI)  
 17830 \*2000 R. Nederland, Bonaire:w/ IS, FF ID, tlk (242 1/25 Trautschold-WI)

PARAGUAY

- 6025 1001 ZPA1 R. Nacional:w/ LA mx, anmts, IDs (222 1/15 Zimarowski-MA)

PERU

- 3320 0104 OB24I R. Estrella del Sur:w/ YL ID, OM tlk (222 1/22 Bixby-CA)

PERU (cont.)

- 4790 0450 OAX8F R. Atlántida:w/ SS up tempo mx, TC, ID (322 1/15 Fleming-TX)  
(Cleveland-CA)(Redman-IL)(Baumgartner-ONT)(Miklejewski-MN)
- 4860 0438 OBZ4Z R. Chinchaycocha:w/ Andean mx, (--2 1/27 Cleveland-CA)
- 4995 0445 OAZ4C R. Andina:w/ mx, ID @ 0451 s/off (333 2/1 Crews-FL)(Fleming  
TX)(Cleveland-CA)(Miklejewski-MN)(Brookwell-CA)(Miller-OH)
- 5025 0255 OAX7Q R. Quillabamba:w/ LA mx, echo ID (222 2/4 Brookwell-CA)  
(343 1057 w/ Indian lang pgm, mx 1/28 Miklejewski-MN)
- 5040 0532 OCY4Y R. Libertad de Junfn:w/ LA mx, ID (--2 1/22 Cleveland-CA)
- 6045 1150 OCY4H R. Santa Rosa:w/ Local mx, ID @ 1153 (322 2/3 Zilmer-WI)
- 6095 1145 OAX4Z R. Nacional de Perú:w/ tkl, LA mx, ID (433 1/28 Zilmer-WI)
- 6105 1230 OAX6F R. Nacional de Perú:w/ ID, martial mx (222 1/15 Beal-WA)
- 9505 1158 OAX4V R. América:w/ ad for "Sal de Andes", "NUESTRO MENSAJE  
MUSICAL pgm (433 1/16 Miklejewski-MN)
- 9530 1059 OAX6G R. Nacional, Tacna:w/ ID, Andean mx, TC (221 1/29 Mikle-  
jewski-MN)(343 0420 1/14 Fleming-TX)(--2 2300 1/12 Smith-IN)
- 9675 1131 OAZ4L R. del Pacifico:w/ Andean mx (343 2/2 White-FL)

TURKS & CAICOS

- 4788 2355 VSI8 Turks Island Radio:w/ jazz pgm till 0100, many IDs, special  
interview (322 1/15 Bixby-CA)(222 0105 1/16 Hardester-CA)  
(322 0100 1/16 Jones-MS)(211 2242 2/1 Baron-PA)(212 0055  
1/16 Leistner-CA)

URUGUAY

- 11835 0225 CXA19 R. El Espectador:w/ many IDs w/ tones, nx of Uruguay  
(453 1/22 White-FL)(Fleming-TX)(Cleveland-CA)(Vilar6-PR)  
(Brookwell-CA)(Yajko-PA)

VENEZUELA

- 3225 0055 YVTC R. Occidente:w/ OM ID, LA tradits (333 1/22 Bixby-CA)(233  
1028 w/ wake-up mx pgm 1/20 Miklejewski-MN)
- 3245 0605 YVKT R. Libertador:w/ LA mx, IDs, SS tkl (444 1/14 Bodell-OR)  
Fleming-TX)(Crews-FL)(Cleveland-CA)(Vecchiola-PA)(Smith-IN)  
(Baumgartner-ONT)(Miklejewski-MN)(Vilar6-PR)
- 3255 0202 YVQL LV del El Tigre:w/ OM spts event best (353 1/22 Famularo-  
NJ)(342 1020 1/23 Miklejewski-MN)(323 2330 1/24 Yajko-PA)
- 3275 0220 YVMC R. Mara:w/ Inst. mx, ID @ 0238 (233 1/24 Thompson-NM)(444  
0125 2/9 Vecchiola-PA)
- 3295 \*1000 YVOG R. Trujillo:w/ NA, string mx, ID, mx (433 1/20 Jones-MS)
- 3325 0510 YVRA R. Monagas:w/ TENT LA mx, TC (433 1/24 Trochimczyk-DC)
- 3355 0140 YVLC R. Impacto Valencia:w/ ID, funny ads (433 1/24 Miller-OH)  
(Sparks-CA)(Yajko-PA)(Jones-MS)
- 3365 0230 YVQP R. Puerto La Cruz:w/ steel band mx, many IDs (232 1/29  
Fleming-TX)(433 1115 2/7 Vilar6-PR)(343 0308 2/8 Trochimczyk-DC)
- 3385 0345 YVQI R. Barcelona:w/ IDs, ads, TCs, nx (322 1/16 Zimarowski-MA)
- 3395 2340 YVOJ R. Universidad:w/ LA mx pgm (322 1/24 Yajko-PA)
- 4770 0315 YVNW R. Bolívar:w/ LA mx, IDs (--3 2/4 Cleveland-CA)(Brookwell-  
CA)(Redman-IL)(Famularo-NJ)(Trautschold-WI)(Tannenwald-NY)  
Yajko-PA)(Earhart-PA)(Perry-QUE)
- 4780 0300 YVLA LV de Carabobo:w/ LA vocals, TCs & IDs (433 1/22 Redman-IL)  
(Fleming-TX)(Jones-MS)(Miklejewski-MN)
- 4800 1015 YVMO R. Lara:w/ vocal and orchestral mx (333 1/17 Earhart-PA)
- 4810 0021 YVMG R. Popular:w/ SS tkl, ID (333 2/2 Baron-PA)(Redman-IL)
- 4860 2245 YVQE R. Maracaibo:w/ LA pop mx pgm (322 1/11 Tannenwald-NY)  
(Thompson-NM)(Cleveland-CA)(Brookwell-CA)(Redman-IL)  
(Hardester-CA)(Fleming-TX)
- 4870 0253 YVKP R. Tropical:w/ Venezuelan stds, frequent IDs (333 1/20  
Agner-NJ)(Brookwell-CA)(Zimarowski-MA)(Jones-MS)
- 4880 0350 YVMS R. Universitario:LA mx, IDs, 0359\* (243 1/31 Brooker-MI)(Redman-  
IL)(Vilar6-PR)(Tannenwald-NY)(Thompson-NM)(Fleming-TX)
- 4890 1100 YVKB Radiodifusora Venezuela:w/ LA mx, "La estación de alegría"  
amnts (433 1/24 Perry-QUE)(Miller-WA)(Famularo-NJ)(Redman-IL)  
(Cleveland-CA)(Deaton-GA)(Suinicki-MI)
- 4900 2215 YVNK R. Juventud:w/ mx, ads (332 1/11 Tannenwald-NY)(Redman-IL)  
(Baron-PA)(Dean-OH)(Cleveland-CA)(Suinicki-MI)
- 4910 0354\* YVNI R. Carora:w/ final amnt, NA (333 1/23 Trochimczyk-DC)
- 4940 1000 YVAO R. Sucre:w/ YL spins ballads, (322 1/22 Baumgartner-ONT)  
(242 0350 1/12 Trautschold-WI)
- 6070 0025 YVSR R. San Sebastián:w/ LA mx, ads, ID (323 1/27 Yajko-PA)(Agner-  
NJ)(Jones-MS)(Laves-TX)(Vilar6-PR)(Tannenwald-NY)

# SWBC DX

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# EUROPE / AFRICA



**ROBERT BUTTERFIELD**

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**DEADLINE:** 15<sup>th</sup> of the month

**Times & Dates:** GMT

**Frequencies:** kHz

-Africa-

## ALGERIA

- 7195 2020 Radiodiffusion Television Algérienne: Ar mx, ID @ 2029, tlk (333 2/6 Crews-FL)  
 11810 1956 RTVA: Ar singing, nx @ 2002 (333 2/1 Bowen-NOVA SCOTIA);(311 2/1 2248 Baron-PA)

## ANGOLA, PEOPLE'S REPUBLIC OF

- 3375t 0530 R. Nacional de Angola: Vern w/ long comtry, many mentions of Angola, afro mx (353 1/27 Sparks-CA)  
 4820 0520 R. Nacional de Angola: Port w/ tlks about Angola, drums (333 1/13 Bixby-CA)  
 4885t 0513 R. Nacional de Angola: Port w/ ID (unreadable), fqy, afro mx, many mentions of Angola (333 1/13 Bixby-CA)

## ASCENCION ISLAND

- 6005 0330 BBC, Atlantic Relay: Eng w/ African nx (433 2/2 Dean-OH);(322 1/31 Agner-NJ)  
 7105 0255 BBC, Atlantic Relay: Eng w/ IS @ 0255, ID, fqy // 9580, nx about Britain (444 2/4 Thompson-NM);(433 2/11 Fleming-TX)  
 9580 0000 BBC, Atlantic Relay: Eng w/ nx (444 1/26 Miller-WA);(544 2/10 Fleming-TX);(333 2/8 Baron-PA)  
 11860 0645 BBC, Atlantic Relay: Eng w/ nx to Afr (342 2/2 Cohen-NJ)  
 15260 2300 BBC, Atlantic Relay: Eng nx, comtry (444 1/6 Smith-FL);(143 0145 1/19 Dean-OH)

## BENIN, PEOPLE'S REPUBLIC OF

- 4870 2249 Radiodiffusion Benin: Fr w/ afro mx, 2300\* w/ anthem (322 1/19 Kreis-WI);(242 TENT 2150 1/29 Baumgartner-ONTARIO); (233 1/27 Yajko-PA);(333 0618 1/22 Bixby-CA)

## BOTSWANA

- 3356 0415 R. Botswana: Setswana w/ Sunday morning devotional mx // 4845, RTTY QRM (333 2/7 Sparks-CA)  
 4845 \*0335 R. Botswana: Eng/Setswana w/ cow bells, animal sounds.IS, Eng/Setswana ID after anthem, into short rel "Thought as we begin a new day" in Eng, vl hosting pop afro mx prgr (353 2/2 Whitehead-MA);(333 1/24 Thompson-NM);(342 1/21 White-FL); (--2 1/28 Cleveland-CA);(333 0517 Eng nx 1/27 Sparks-CA)

## CAMEROON

- 4972.5 0515 R. Yaounde: Eng nx (343 1/26 Sparks-CA);(312 0545 1/18 Fleming-TX);(322 0552 1/22 Bixby-CA);(353 0552 1/28 White-FL)  
 5010 0603 R. Garoua: Fr prgr, no Eng hrd 0545-0600 (343 1/27 White-FL)

## CANARY ISLANDS

- 11800 \*2145 R. Nacional de Espana, Tenerife: Sp w/ RNE and Canarias IDs, mx, short ancmts (544 2/1 Bowen-NOVA SCOTIA);(444 2/6 White-FL)

CAPE VERDE ISLANDS

3885 0720 R. Clube do Cabo Verde: Port w/ pop mx, ID, nx @ 0801 (433 1/15 Zimarowski-MA);(443 1/15 Wirrell-MA);(343+ 1/17 on 3886m Laves-TX);(242 0830 2/11 Fleming-TX)

CENTRAL AFRICAN REPUBLIC

5038 2254 Radiodiffusion Nationale Centrafricaine: Fr w/ tlk, anthem in two versions!, 2300\* (343 2/9 White-FL)

CHAD

4904m 2155 Radiodiffusion Nationale Tchadienne: Fr tlk (333 1/27 Yajko-PA)

CONGO, PEOPLE'S REPUBLIC OF THE

4765 0507 Radiodiffusion Television Congolaise: Fr w/ nx? (444 1/13 Bixby-CA);(--2 0553 1/22 Cleveland-CA);(233 TENT 0505 1/23 Hardester-CA)  
 6115 0600 RTVC: Fr tlk, nx?, drums, afro mx @ 0620, tlk, good ID (222 1/19 Brookwell-CA)  
 9715 2150 RTVC: Fr anmt, ID, afro mx (333 1/29 Bode11-OR)  
 15190 1315 RTVC: Fr w/ afro mx, ID, tlk (232 1/21 Zimarowski-MA);(444 1/21 Zimarowski-MA);(Bowen-NOVA SCOTIA);(Vecchiola-PA);(Miklejews i-MN);(Miller-OH);(Kreis-WI);(Cleveland-CA);(Beal-WA);(Butterfield-MA);(433 2107 in Eng, prgr on Shakespeare, Fr @ 2130 1/13 Bixby-CA)

EGYPT, ARAB REPUBLIC OF

9805 2305 R. Cairo: Eng mx, nx headlines, Ar @ 2315 (444 1/15 Fleming-TX);(444 1/22 2238 Famularo-NJ);(Baron-PA);(Rojewski-WA)

ETHIOPIA

11830 1822 ETLF: Eng w/ birthday anmts, rel mx (333 2/8 Baron-PA);(333 TENT 1/17 Earhart-PA);(333 1940 2/1 Miklejewski-MN);(443 1943 2/8 Vecchiola-PA);(322 2005 2/1 Bowen-NOVA SCOTIA);(243 2007 1/20 Fleming-TX);(222 0350 1/18 Beal-WA)  
 15365 1913 ETLF: Eng Id, Fr prgr w/ mx, Amharic, drum IS, amazing 454! (454 2/8 Hauser-IL);(344 1913 2/8 Fleming-TX)

EQUATORIAL GUINEA

4926 0455 R. Equatorial: Vern w/ native mx, (--2 1/28 Cleveland-CA); (232 0446 1/24 Miller-OH);(353 0520 1/26 Sparks-CA)

GABON

4777 2248 Radiodiffusion Television Gabonaise: Fr w/ afro vocals, many mentions of Gabon, ID @ 2258, nx @ 2300-2310 (343 1/19 Miklejewski-MN);(333 0523 1/13 Bixby-CA);(322 0558 1/15 Zimarowski-MA)

GAMBIA

4820 0645 R. Gambia: Eng w/ Qur'an, ID, BBC nx, local nx (232 2/10 Zimarowski-MA)

GHANA

3350 0531 Ghana Broadcasting Corporation, Ejura: Vern w/ native mx (--2 1/19 Cleveland-CA)  
 3366 0552 GBC, Accra: Eng w/ pop mx, ads, ID, nx, (433 2/7 Crews-FL); (343 0607 1/15 Bodell-OR);(333 1/24 2255 Yajko-PA);(322 2247 1/25 Miklejewski-MN)  
 4915 0557 GBC, Accra: Vern w/ tlk, pop mx, Eng ID @ 0600 into nx (--2 1/27 Cleveland-CA);(434 0600 2/1 Fleming-TX);(222 1/17 Kreis-WI);(444 1/25 Brookwell-CA);(353 2/7 Earhart-PA);(343 2147 1/27 Yajko-PA);(333 1/29 Famularo-NJ)  
 4980 2155 GBC, Ejura: Eng rel prgr (243 2/8 Vecchiola-PA);(322 1/26 Yajko-PA);(434 1/16 Fleming-TX)  
 6130 2313 R. Ghana (GBC): Eng w/ afro mx, ID, TC, nx (333 1/28 Miklejewski-MN)

GUINEA-BISSAU

5040 2310 R. Bissau: Port w/ afro tlk, some Fr tlks (343 1/23 White-FL); (232 2131 TENT 2/8 Vecchiola-PA)

IVORY COAST

4940 2205 Radiodiffusion Television Ivoirienne: Fr tlk (333 1/26 Yajko-PA);(352 2332 1/27 Bixby-GA);(322 0735 1/12 Brookwell-CA)  
 7215 2250 RTVI: Fr w/ drums, afro chants (433 2/1 Baron-PA)  
 11920 1845 RTVI: Eng w/ IS, ID, into pop mx progr (433 1/27 Bixby-GA); (434 1/14 Fleming-TX);(434 1930 1/31 Deaton-GA);(333 1/14 Famularo-NJ);(344 1935 2/7 Leistner-GA);(333 2005 in Fr 1/14 Pitts-OR);(344 2115 1/25 Gunn-IL);(342 2200 1/31 Trautschold-WI);(544 2215 1/2 Bowen-NOVA SCOTIA);(555 2245 2/9 Fleming-TX);(454 1/18 Miklejewski-MN);(333 1/13 Beal-WA)

LIBERIA

3227 2220 ELWA: Vern w/ anthem and s/off (333 1/26 Yajko-PA)  
 3990 0602 VOA, Monrovia: Eng nx (333 Bodell-OR);(232 1/15 Zimarowski-MA)  
 4770 0605 ELWA: Eng w/ rel tlk, mx (333 2/2 Kreis-WI);(322 1/29 2139 Baumgartner-ONTARIO);(333 2218 1/26 Yajko-PA)  
 6180 0730 VOA, Monrovia: Hausa & Fr to W Afr, nx, announced SLBS, ? (333 1/13 Brookwell-CA)  
 7280 0600 VOA, Monrovia: Eng w/ nx, "African Safari" (353 2/6 Somers-CA) (434 0715 2/7 Fleming-TX)  
 11915 2120 VOA, Monrovia: Eng w/ tlk, mx, ID, 2130\* w/ IS (343 1/20 Trautschold-WI)  
 11945 2045 ELWA: Eng ID, nx (242 2/7 Sanserino-GA);(322 2101\* 2/3 Hauser-IL);(Miklejewski-MN);(Fleming-TX);(Gunn-IL);(Pierce-MA);(Cohen-NJ)  
 15445 1802 VOA, Monrovia: Eng nx (322 2/7 Baron-PA)

MALAGASY REPUBLIC

11730 \*1958 R. Nederland, Talata: Eng w/ IS, ID, nx, commtry (433 2/7 Crews-FL);(242 1/25 Nebron-CA);(322 2000 1/3 Stephenson-CA); (343 2010 1/17 Earhart-PA);(444 2/1 Bowen-NOVA SCOTIA);(433 2015 1/29 Deaton-GA);(434 1/29 Baron-PA);(333 1/23 Rojewski-WA)

MALAWI

3380 0345 Malawi Broadcasting Corporation: Chichewa w/ local mx, tlk (353 2/2 Whitehead-MA);(343 0340 1/16 White-FL)

MALI

4783 0717 R. Mali: Fr tlk, afro mx, // 5995, apparently abandoned 4875 (333 1/26 Zimarowski-MA);(222 1/12 Brookwell-CA);(333 0622 1/22 Bixby-CA)  
 5995 2230 R. Mali: Fr tlk, mx, ID (242 1/31 Trautschold-WI)

MAURITANIA

4850 0000 Radiodiffusion Nationale de Mauritanie: Ar w/ Qur'an w/ ancmt, anthem, 0004\* (333 1/15 Bodell-OR);(354 0612 1/15 Hanavan-CA); (322 TENT 0755 2/3 Hardester-CA);(333 0209 1/27 Yajko-PA)

MOROCCO

5965 0720 VOA, Tangier: Fr w/ DJ and "Top 40" style format, nx, Eng ID @ 0730 into Ar (343 2/9 Fleming-TX)  
 6170 0105 Radiodiffusion Television Marocaine: Ar mx, chants // 9615 (343 2/10 Bodell-OR);(433 2110 1/17 Baumgartner-ONTARIO);(433 2230 1/30 Zilmer-WI) // 6190 (333 2240 1/26 Beal-WA)  
 6190 \*0500 RTVM: Ar w/ anthem, ID, opening tlk (323 2/7 Famularo-NJ); (422 2245 1/30 Zilmer-WI)  
 9615 2253 RTVM: Ar chants, Qur'an (222 2/1 Baron-PA)  
 9760 2135 VOA, Tangier: Eng "Issues in the News" (444 2/1 Bowen-NOVA SCOTIA)  
 11735 1150 RTVM: Ar w/ mx (353 1/17 Earhart-PA)  
 15360 1420 RTVM: Ar w/ songs, drums (353 2/2 Earhart-PA);(434 1/23 Famularo-NJ);(222 1/20 Miklejewski-MN)

MOZAMBIQUE

4854 1631 R. Mocambique: Port w/ tlk, mx (333 1/27 Junqua-JAPAN)  
 4865 0425 R. Mocambique: Port w/ afro mx, comml, chimes (1/26 354 Sparks-CA)  
 4896 0415 R. Mocambique, Beira: Port w/ afro mx, tlk (343 1/26 Sparks-CA)

NIGER  
5020 0530 Office de Radiodiffusion Television du Niger: Fr w/ anthem w/ s/on, chants (242 2/1 White-FL)

NIGERIA  
4990 0517 Nigerian Broadcasting Corporation, Lagos: Eng nx (333 1/27 Sparks-CA);(321 2155 1/26 Yajko-PA)  
6090 2300 Radio Television Kaduna: U/lang w/ chanting, s/off 2312 (222 1/25 Tratschold-WI)  
6195 0700 NBC, Sokoto: Eng nx, 0710 into Hausa (333 1/19 Brookwell-CA)  
7275 0624 Voice of Nigeria: Eng "Weekend Magazine", nx, mx // 15120 (443 1/25 Collard-TX);(434 0650 1/15 Fleming-TX)

RHODESIA  
3396 \*0354 Rhodesia Broadcasting Corporation: Eng ID, rel tlk, nx, mx, ads (333 2/3 Zimarowski-MA);(232 2/4 Hardester-CA);(332 2/2 Wirrell-MA);(353 2/9 Sanserino-CA);(322 1/24 Baumgartner-ONTARIO)

RWANDA  
17765 1201 Deutsche Welle, Kigali: Eng nx, ID (444 1/17 Smith-FL)

SENEGAL  
4890 \*0559 Radiodiffusion du Senegal: Fr w/ s/on, anthem, ID, into Ar Qur'an (232 2/11 Zimarowski-MA);(323 2200 1/27 Yajko-PA)

SEYCHELLES  
9605 0210 Far East Broadcasting Association: U/lang prgr, 0215 IS, ID (433 2/10 Bodell-OR)  
11715 1658 FEBA: Eng s/on, ID, into Farsi prgr (333 1/4 Naylor-CA);(333 2/7 Baron-PA);(343 1847 1/29 Miklejewski-MN)

SIERRA LEONE  
3316 \*0558 Sierra Leone Broadcasting Service: Eng w/ IS, s/on, QTH, prayer, prgr preview (433 1/24 White-FL);(232 0602 1/15 Bodell-OR);(422 0703 1/29 Zimarowski-MA);(232 2226 1/28 Miklejewski-MN)

SOMALIA  
71206 1500\* R. Mogadishu: Somali? w/ tlk, mx closing, s/off (222 2/9 Hardester-CA) Last month 7121.5 was Mogadishu, not Hargeisa as previously reported. rfb.  
9585 1954 R. Mogadishu: Somali w/ charts, nx (444 1/24 Agner-NJ);(433 1/28 Jakubiak-MI);(433 2/8 Vecchiola-PA)

SOUTH AFRICA  
3250 0126 SABC, Springbok R.: Eng w/ pop mx, ID 0132 "All Night service of SABC with music 'till 0500" (434 2/4 Miklejewski-MN);(433 1/29 Famularo-NJ);(333 2/4 Thompson-NM);(533 1/18 Collard-TX);(323 2/1 Baron-PA)  
3980 0344 SABC: Eng/Afrikaans w/ ads, ID, tlk (--3 1/20 Cleveland-CA)  
4725nf 0355 SABC, Springbok R.: Eng/Afrikaans w/ DJ mx prgr, ads for Lucky Strike // 4810 (333 1/21 Brookwell-CA)  
4810 0410 SABC, Springbok R.: Eng w/ world nx (444 2/5 Somers-CA); (Vilaro-PUERTO RICO);(Dean-OH);(Cleveland-CA);(Quinn-NY); (Fleming-TX);(Crews-FL);(Stephenson-CA);(Kreis-WI);(Smith-FL);(Miklejewski-MN)  
4835 0402 SABC: Eng tlk (--3 1/20 Cleveland-CA);(323 0405 1/14 Dean-OH); (423 1/15 Fleming-TX);(333 1/21 Brookwell-CA)  
4875 0400 SABC: Afrikaans w/ intvw (423 1/19 Fleming-TX);(--3 1/20 Cleveland-CA)  
5980 0300 R. RSA: Eng ID, to Afr (322 2/3 Dean-OH);(333 0340 2/7 Nebron-CA);(243 2105 2/1 Miklejewski-MN)  
7270 0257 R. RSA: Eng w/ IS, ID, anthem, nx // 3995 5980 9585 (434 1/16 Fleming-TX)  
9585 2100 R. RSA: Eng "DX Corner" (333 1/14 Rojewski-WA);(343 2225 2/7 Pitts-OR);(434 2230 2/5 Henning-CA);(444 2308 1/28 Cohen-NJ)  
9680 0610 SABC: Eng w/ wx for major cities worldwide, nx (322 1/22 Bixby-CA)  
11900 1556 R. RSA: Eng s/on (222 1/25 Agner-NJ);(333 \*2230 1/19 Famularo-NJ)  
15155 1855 R. RSA: Eng ID into Port prgr (433 1/7 Stephenson-CA);(333 2130 1/16 Larson-WI)

SUDAN  
11835 1827 R. Omdurman: Ar tlk, low mod at times (--- 2/4 Hauser-IL)

SWAZILAND  
4980 \*0359 Swazi Music Radio: Eng w/ popcorn IS, s/on, DJ rock mx progr (433 2/7 Deaton-GA);(Scannell-MA);(Cleveland-CA);(Sparks-CA) (Crews-FL);(Baron-PA);(Fleming-TX);(Kreis-WI);(Quinn-NY); (White-FL);(Bixby-CA);(Hardester-CA)  
9590 0510 Trans World Radio, Mpangela: Eng w/ mx, ID @ 0515 into Ar (433 2/6 Crews-FL);(344 0524 1/12 Fleming-TX)  
3365 2235 TWR: Eng rel tlk (333 1/26 Yajko-PA) Out of order. rfb.

TANZANIA  
15435 1830 R. Tanzania: Eng progr of African pop mx (222 2/1 Bowen-NOVA SCOTIA);(433 1/25 Jakubiak-MI);(121 TENT \*1400 2/1 Famularo-NJ)

TOGO  
3322 0610 Radiodiffusion du Togo, Lama Kara: Fr w/ afro mx, guitar (222 1/15 Bodell-OR);(322 2225 1/26 Yajko-PA)  
5047 0555 Râif du Togo: Fr/vern w/ native mx (343 2/7 Earhart-PA);(343 1/27 Yajko-PA);(232 2155 2/1 Miklejewski-MN);(333 2210 2/8 Vecchiola-PA)

TUNISIA  
6195 2224 Radiodiffusion Television Tunisienne: Ar chants (312 1/27 Yajko-PA);(333 2155 RTVT: Ar tlk (333 2/1 Bowen-NOVA SCOTIA)  
7275 2155 RTVT: Ar tlk, chants (333 1/29 Agner-NJ)  
11900 1540 RTVT: Fr tlk, mx, ID 0654 (433 2/6 Crews-FL);(332 1300 2/2 Earhart-PA)

UGANDA  
6030 1520 Uganda Broadcasting Corporation: Eng tlk, into Fr @ 1530 w/ tlk, mx, IDs (433 1/24 Junqua-JAPAN)  
9730 2015 UBC: Eng nx 2030 (333 1/8 Gunn-IL);(232 2032 1/25 Miklejewski-MN);(444 2/1 Bowen-NOVA SCOTIA)  
15325 1828 UBC: Sp mx, ID "You are tuned to the Spanish service of the UBC", ad, rpts wanted (323 2/8 Baron-PA)

ZAIRE  
4750 0440 R. Lubumbashi: U/lang w/ afro mx, ancmt (353 1/28 Sparks-CA);  
15245 1835 La Voix du Zaire: Fr w/ afro mx, tlk on Angola (333 1/17 Kreis-WI);(443 2/8 Vecchiola-PA);(322 2130 1/26 Beal-WA); (343 2156 1/13 White-FL);(343 2218 2/7 Brooker-MI) // 15350  
15350 1906 La Voix du Zaire: Fr w/ political speech (454 1/17 Miller-OH);(333 1950 2/1 Bowen-NOVA SCOTIA);(544 1/21 Jakubiak-MI); (343 1/17 Laves-TX);(444 2205 1/13 Bixby-CA);(222 2/1 Brookwell-CA)

ZAMBIA  
4910 2214 R. Zambia: Vern w/ tlk (333 1/26 Yajko-PA);(423 Eng ID 0327 1/26 Jones-MS);(333 0526 2/3 White-FL);  
9580 2055 R. Zambia: Eng w/ pop mx, nx, ID as "General Service of the Zambia Broadcasting Service", 2116 s/off with fish eagle IS (311 1/16 Baumgartner-ONTARIO);(333 1612 1/17 Junqua-JAPAN)

-Europe-

ALBANIA  
5057 0507 R. Gjirokaster: Albanian w/ folk mx (443 2/5 White-FL);(353 0520 2/7 Earhart-PA)  
7300 0236 R. Tirana: Eng ID, commtry (222 1/21 Rojewski-WA)  
9750 0010 R. Tirana: Eng nx (--2 1/22 Cleveland-CA)

AUSTRIA  
6155 0145 Osterreichischer Rundfunk: Eng w/ tlk, fqys, times, mx (312 1/15 Fleming-TX)  
11970 1244 ORF: Eng w/ tlk on music, // 6155, 1258\*, terrific signal (444 1/17 Earhart-PA)



BELGIUM

6080 \*0040 Radiodiffusion Television Belge: Eng s/on, "Belgium Speaking"  
RCI QRM 6085 (333 1/31 Quinn-NY);(211 2/8 Leistner-CA);(332+  
1/16 Earhart-PA)  
9755 2255 RTB/BRT: Eng w/ tlk on drug traffic (433 1/19 Earhart-PA) A  
2315 s/off.

BULGARIA

9700 2150 R. Sofia: Eng w/ mailbag (433+ 1/17 Van Fossen-OH);(333 0005  
1/17 Osborne-FL)  
11900 \*1558 R. Sofia: Ar s/on w/ IS "Huna Sofia", mx (222 1/25 Agner-NJ)  
Don't confuse w/ Tunisia also on this fqy, see Africa section.  
rfb.

CZECHOSLOVAKIA

5930 2015 R. Prague: Eng to Britain, nx // 7345 (433 1/31 Cohen-NJ);  
(343 0313 1/10 Smith-FL);(434 0129 1/29 Fleming-TX)  
6055 0000 R. Prague: Eng classical mx (422 1/28 Zilmer-WI)

DENMARK

I5165 1611 R. Denmark: Danish w/ nx, ID, tlks (333 2/6 Famularo-NJ)

FINLAND

I5110 \*1358 R. Finland: Eng w/ s/on (333 1/10 Sann-NJ);(433 1/18 Yajko-  
PA)

FRANCE

7135 0732 R. France International: Fr tlk, ID, mx (444 2/11 Fleming-TX)  
9740 1751 RFI: Eng w/ "Paris Calling Africa", tlk (444 1/25 Miller-OH)  
11705 1700 RFI: Eng w/ "Paris Calling Africa", nx, commtry, ID (223 1/25  
Miller-WA);(Collard-TX);(Rojewski-WA);(Zilmer-WI);(Yajko-PA);  
(Famularo-NJ) // 9740 11890 11930 11965 15210 15300  
11890 1700 RFI: Eng w/ "Paris ..." (444 2/1 Pierce-MA);(434 2/7 Baron-PA)  
15210 1732 RFI: Eng w/ "Paris ...", contest nx (433 1/25 Crable-ID);(433  
1/21 Yajko-PA)  
15265nf 1710\* RFI, HS: Fr prgr, new HS relay fqy, no // to RFI channels  
(--4 2/5 Hauser-TX) and: (444 1214 in Fr // 15155, 15300  
Earhart-PA)  
15300 1705 RFI: Eng "Paris ..." (433 1/21 Yajko-PA);(121 1/25 Miller-WA)  
(333 2/7 Earhart-PA)  
17720 1535 RFI: Fr prgr w/ break-in of special Eng bulletin via BBC (353  
2/2 Earhart-PA) About the Concorde? rfb.

GERMANY, DEMOCRATIC REPUBLIC OF

6040 0100 R. Berlin International: Sp w/ svc to LA, unlisted fqy, ko'ed  
VOA, Tangier 0500 (222 2/6 Brookwell-CA)

GERMANY, FEDERAL REPUBLIC OF

3980 0650 VOA, Munich: Eng w/ "Breakfast Show", s/off 0700 w/ ID (121  
1/15 Zimarowski-MA)  
6010 0130 Deutsche Welle: Eng nx, commtry (444 1/24 Thompson-NM);(433  
1/16 Kreis-WI)  
15370 1451 R. Liberty, site?: E Eur lang w/ tlks, IS?, followed by new  
language @ 1500, possibly Russian w/ nx (222 1/25 Famularo-  
NJ)

GREAT BRITAIN

3975 0645 BBC: Fr w/ Eng by radio, 0700 Eng nx (433 1/27 Cohen-NJ) BBC  
World Service on 3970, don't confuse the two. rfb.  
6175 2352 BBC: Eng w/ comedy prgr (444 1/26 Yajko-PA);(343 1/12 0230  
Trautschold-WI)  
9580 2330 BBC: Eng tlk on mx (333 1/23 Gunn-IL)

GREECE

7270 0625 VOA, Kavala: Eng w/ "Breakfast Show", ID (333 2/7 Fleming-TX)  
7295 0635 VOA, Kavala: Eng nx, mx, commtry (422 2/7 Crews-FL);(343 2/1  
Earhart-PA)  
9520 1525 Voice of Greece (EIRT): Eng nx, ID (332 1/30 Sanserino-CA);  
(342 1/17 Miklejewski-MN);(212 1725 in Gr 1/18 Baron-PA)

HOLLAND

6165 0233 R. Nederland: Eng DX prgr, mx, ID (444 1/22 Famularo-NJ);  
(544 1/17 Kerrigan-IL)  
9715 0515 R. Nederland: Eng "Close-Up" (434 1/23 Crable-ID);(545 2145  
1/19 Van Fossen-OH)  
15415 1431 R. Nederland: Eng tlk (353 2/2 Earhart-PA)

HUNGARY

6000 0156 R. Budapest: Eng w/ sked (433 1/23 Jones-MS);(444 1/28  
Fleming-TX);(433 0200 1/30 Dean-OH)  
7220 0403 R. Budapest: Eng w/ DX prgr (444 1/31 Thompson-NM)

ITALY

6010 0100 Radiotelevisione Italiana: Eng nx (322 1/16 Kreis-WI);(333  
1/31 Quinn-NY);(424 1/25 Fleming-TX)  
9575 1835 RAI: It w/ nx (343 1/24 Perry-QUEBEC);(232 2/8 Baron-PA)  
11905 \*2151 RAI: It w/ IS, s/on, ID, mx, to Austr/FE (434 2/3 Famularo-  
NJ)  
15385 \*1700 RAI: It w/ IS, tlk to Afr (443 1/25 Cohen-NJ)

MALTA

6055 2020 Adventist World R.: Eng w/ DX Club, Amer pop mx (343 1/17  
Miller-OH)  
6100 \*0130 Deutsche Welle, Cyclops: Eng nx, commtry (423 1/20 Fleming-  
TX);(343 1/9 Hanavan-CA);(344 2/6 Famularo-NJ);(433 0234 in  
Ger 1/10 Dean-OH);(545 1/15 Woltman-WI);(522 0000 in Sp 1/28  
Beal-WA)

MONACO

7105 0744 Trans World R.: Eng rel prgr (433 1/15 Zimarowski-MA);(434  
0810 2/7 Fleming-TX)  
9550 1145 TWR: Eng w/ rel prgr (444 1/28 Osborne-FL)

NORWAY

11895 1600 R. Norway: Eng w/ anthem, weekly 1/2 hour prgr, excellent fqy  
(344 2/1 Miklejewski-MN);(322 1700 2/1 in Sp Pierce-MA)

PORTUGAL

5960nf 0230 R. Portugal: Eng prgr, ancd 6025 (333 1/29 Cohen-NJ);(444  
1/30 0502 Hardester-CA);(333 0233 2/2 Dean-OH)  
9670 1820 IBRA Radio: with U/lang w/ rel tlk, mx, ID in Eng @ 1830  
"This is IBRA Radio" (232 1/25 Miller-OH);(343 1/17 Earhart-  
PA)  
15125 1355 R. Portugal: Port w/ folk songs (353 2/2 Earhart-PA)

ROMANIA

7195 2125 R. Bucharest: Eng w/ commtry, ID, fqy, s/off 2129 (322 1/7  
Rojewski-WA)  
9530 1510 R. Bucharest: Eng commtry (242 2/5 Sanserino-CA)  
11790 \*1730 R. Bucharest: Eng nx, commtry to Afr (222 2/2 Cohen-NJ)  
11940 1304 R. Bucharest: Eng nx, folk song (444 1/17 Earhart-PA)

SPAIN

6065 \*0100 R. Nacional de Espana: Eng commtry (343 2/10 Bodell-OR);  
(544 1/31 Quinn-NY);(333 1/15 Hanavan-CA);(323 0331 1/25  
Kreis-WI)

SWEDEN

6120nf 2300 R. Sweden: Eng nx to NA, ex 6035 (422 1/19 Zilmer-WI)  
9605 2312 R. Sweden: Eng "Panorama" (333 Rojewski-WA)  
9665 1602 R. Sweden: Eng nx, ID (222 2/2 Pitts-OR)  
9750 1425 R. Sweden: Eng stamp prgr // 15305 to N.A. unuseable, this  
channel beamed elsewhere is (323 2/2 Hauser-TX)  
15305 \*1230 R. Sweden: Eng w/ s/on, nx (444 1/20 Famularo-NJ);(434 1/18  
Yajko-PA);(443+ 1245 1/16 Earhart-PA)

SWITZERLAND

3985 0650 SBC: Eng w/ folk mx, ID, TC, "Dateline" (343 2/11 Fleming-  
TX);(322 1/27 Cohen-NJ)  
15140 1315 SBC: Eng nx, spts (444 1/17 Earhart-PA)

## UNION OF SOVIET SOCIALIST REPUBLICS

### RSFSR European:

6080 1223 R. Moscow, site?: Ar mx, IS (322 1/29 Famularo-NJ)  
7120 0148 R. Moscow; site?: Eng tlk (322 1/17 Famularo-NJ)  
7205 0040 R. Kiev, site?: Eng w/ mailbag (343 1/18 Smith-FL);(344 0054  
1/20 Miklejewski-MN)  
0100 R. Moscow, site: Eng s/on (344 1/20 Miklejewski-MN);(433  
2309 1/20 Yajko-PA) Stan RM rounds its fqys off, they are on  
the same fq. rfb.  
12050 0119 R. Moscow, site?: Eng tlk (122 1/14 Dean-OH);(343 0100 1/19  
Smith-FL)

### VATICAN STATE

5995 \*0059 R. Vaticana: Eng w/ IS, bells, s/on (545 1/31 Quinn-NY);  
(332 0102 1/20 Kreis-WI)  
11825 1505 R. Vaticana: Eng nx (232 1/21 Miklejewski-MN)

### YUGOSLAVIA

9620 2205 R. Belgrade: Eng nx (333 1/20 Yajko-PA);(323 2/3 Famularo-NJ)

### CLANDESTINE

12140 1715 R. Espana Independiente (Bucharest): Sp tlks (211 1/25  
Famularo-NJ)

## EUROPE/AFRICA ROUNDUP

Ciao! Again thanks to new reporters: Brookwell, Jon Cohen, Mark Collard, Brett Hanavan, Carl Miller, Bill Osborne and J.A. Somers. A total of 65 contributors this month.

As usual, the latest 'BAD Guys meeting under the tutelage of Frank Testa and his wife was a great success. Among those attending: Mark Zimarowski, Bob Wirrell, Jerry Berg, Mike Macken, Mark Scannell, Al Brooks, Sam Barto, Hank Michalenka, Jim Whitehead who gave a talk on Latin American DXing, **Greg Calari**, and yours truly.

On to some news now, BBC MS items appear with permission.

Vatican Radio on the beam: This station will have the largest rotatable antenna in the world. It will be mounted on two steel towers 79 m. high and fed by a new 500 kw Telefunken transmitter. Ron Warren sends more info from the January 9th 1976 Register-Pajaronian, California.

### Vatican installs powerful antenna

VATICAN CITY (UPI) — Vatican Radio said Thursday it is installing the world's largest rotating antenna to make itself heard more easily throughout the world and to overcome jamming.

"With a more intense signal, the effects of voluntary or involuntary interferences will be reduced," the radio's technical director, the Rev. Sabino Maffeo, said in an interview.

### 'Smallness Virtue'

LONDON (AP) — Britain formally agreed Thursday to a June independence day for the Seychelles, and the president-to-be of the isolated Indian Ocean island group said he plans "to make a virtue of our smallness."

No military bases will be allowed in the Seychelles, about midway between India and the Malagasy Republic, and the new country of 60,000 inhabitants will not even have an army. President-designate James Mancham told a news conference.

"We are too small to become involved in power politics," said Mancham, adding that he wants to lure tourists to the equatorial group of 81 volcanic and coral islands chiefly known for giant tortoises and rare birds.

Station of the People's Republic of Angola broadcasting on 1088, 7245, 4820, and 3375 kHz. We are on the air daily at the same time". The announced frequencies (9535 is not announced) are those of the former "Emissora Oficial".

### Seychelles becomes independent in June:

On a recent trip to upstate New York, we spotted this item in the Daily Press in Utica, January 23, 1976.

Radio Nacional de Angola - Angola: Recent observations of this station on 9535 kHz have revealed they now transmit a 15 minute prgr in English from 1145-1200 following one in French from 1130-1145. The prgr consists of political news and comment preceded by the following announcement: "This is the external service of the National Radio

(BBC MS)

Radio Cairo - Egypt: Cairo's 1800-1930 "Voice of Palistine" svc is now heard on 7050 (ex 9755). At 1800, 9755 now continues with the "Holy Qur'an" prgr and 7050 carries the "Voice of the Arabs" service from 1930.

73 Bob

(HQS NOTE: This excellent map is via the efforts of our resident Cartographer, Bob Bodell)

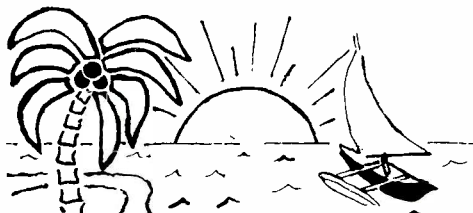


**ERS MAP  
OF  
INA**



# ASIA-OCEANIA

BOB BODELL - EDITOR  
5230 S.E. 48th AVE  
PORTLAND, OR 97206



DEADLINE: 15<sup>th</sup> of the month

Frequencies in KiloHertz      Time in GMT      month/day format  
A=approximate    L=listed    M=measured    T=tentative    \*0000=S/on    0000\*=S/off

FREQ    TIME    SIO    LOCATION

## ASIA

### AFGHANISTAN

4775 1411 232 TX RA: subcont mx (Laves 1/10)(Qur'an @ 0131 Bodell OR)

### BRUNEI

4865 0934 433 JAPAN RB: Bahasa Malaysia tlk by YL, IDs (Junqua 2/2)

### BURMA

4725 1405 343 OR BBS: Burmese tlk, mx (Bodell 2/16)  
5040 1552 242 CA BBS: Eng w/ Burmese mx (Nebron 2/10), and Cleveland, Stephenson CA, and in Burmese by Zimarowski MA.....

### CHINA, P. R.

		<u>Beijing=Home Service</u>		<u>Peking=Foreign Service</u>	
2340	1455	--2	CA	Fuzhou 1: Chinese tlk, OM singing (Cleveland 1/30)	
2475	0915	132	HI	Hangzhou 1: Chi tlk, mx (Trubee 1/20)(Cleveland CA)	
2600	1448	--2	CA	PLA 2: Amoy w/ tlk by YL, // 2430 (Cleveland 1/30)	
3000	1315	333	CA	PLA 1: Chi songs, very old YL tlk (Naylor 1/11)	
3200	1352	332	CA	PLA 2: Amoy tlk, march mx (Naylor 2/5)	
3290	1410	333	CA	Beijing HS 2: choral mx, tlk (Naylor 2/5)(Cleveland)	
3300	1414	222	CA	PLA 2: Chinese mx, // 3200 (Naylor 2/5)	
3450	1445	--3	CA	Beijing HS 1: YL vocalist (Cleveland 1/22)	
3535	1435	322	WA	PLA 1: Chinese tlk (Beal 2/6)(Cleveland CA 1/22)	
3940	1500	--2	CA	Hubei JKT, Wuhan: Chi singing, ARO QRM (Cleveland)	
3970	0953	323	OR	Huhehaote relay HS 1: Chi tlk, class, mx (Bodell 2/11)	
3985	0950	222	OR	R. Peking: Chi tlk by YL (Bodell 2/11)	
4130	1612	232	OR	RP: Turkish tlk by YL (Jessen 1/29)	
4165T	1400	222	CA	RP: IS, S/on in U/lang (Naylor 2/4) unlisted, reb.	
4190	1610	232	OR	RP: Chi tlk by YL (Jessen 1/29) unlisted, reb.	
4200	1627	232	OR	RP: 'Internationale', S/off in Chi (Jessen 1/29)	
4250	1445	--3	CA	Beijing HS 2: Chi tlk by YL, mx (Cleveland 2/5)	
4330	1215	232	MN	PLA 1: Chi tlk, play (Miklejewski 2/1)(Naylor CA)	
4915	1450	--2	CA	Guangxi JKT, Nanning: Chi play, mx (Cleveland 2/3)	
5145	1252	444	CA	RP: Russian w/ 1300 ID, IS (Naylor 1/31)	
5320	1438	--2	CA	Beijing HS 1: YL vocalist, Ute QRM (Cleveland 1/23)	
6290	1355*	322	MN	RP: Eng economic tlk, // 7660 (Miklejewski 1/23)	
6665	2230	343	MN	Beijing HS 1: OM/YL Chi tlk (Miklejewski 1/23)	
7504	1503	--2	CA	Beijing HS 1: Chi tlk, play, // 7395, 9064 (Cleveland)	
7540	1515	---	CA	China Press B. S: Chi dictation speed nx (Cleveland)	
7770	1512	--2	CA	Beijing HS 2: YL vocalist (Cleveland 1/21) // 9020	
9365	1336	222	PA	RP: Chinese mx (Yajko 1/25)	
9390	1225	232	NJ	RP: Tagalog pgm, "Internationale" (Famularo 1/20)	
9420	1000	444	CA	RP: Eng nx by YL/OM (Hardester 1/12)	
9460	1026*	332	PA	RP: Eng tlk, ID, "Internationale" (Earhart 1/11)	
9490	1455	--2	CA	Xizang JKT, Lasa (T): Oriental mx (Cleveland 1/21)	
9552	2356*	444	PA	RP: Span tlk, Chi mx (Earhart 1/23)(Famularo NJ)	
9635	0945	222	CA	RP: Chi w/ tlk, girls singing (Brookwell 1/23)	
9860	0047	322	TX	RP: Port tlk, ID, "Internationale" (Fleming 1/12)	
9940	0029	243	CA	RP: Eng nx, tlk (Hanavan 1/12)(Famularo NJ)	
9945	1353	333	PA	RP: Viet (L) tlk by YL/OM (Yajko 1/18)	
11515	0020	444	CA	RP: Chi w/ mixed chorus, "Internationale" (Brookwell)	

CHINA, P. R. (continued)

11650	2316	232	MN	RP: Span w/ condolences for Chou (Miklejewski 1/18)
11675	0013	343	PA	RP: Eng w/ political tlk (Yajko 1/27)
11685	1209	443	FL	RP: Eng speeches about Chou-En-Lai (Smith 1/27)
11720	0120	222	CA	RP: Chi tlk by YL/OM, "Internationale" (Brookwell)
11945	0000	433	WA	RP: Eng ID, nx, cmty (C. Miller 1/25), also heard by Cohen NJ, Hanavan CA, Fleming TX, Rojewski WA.....
11980	1427*	333	NJ	RP: Eng tlk, ID, sked, "Internationale" (Famularo)

DODECANESE ISLANDS

7205	1806	222	WA	VOA, Rhodes: slow speed Eng nx (Rojewski 1/8)
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# Radio Peking

INDIA

3255	1530	232	CA	AIR, Delhi: YL w/ Eng nx (Sparks 1/29) 1/15)
3268	1525	242	CA	AIR, Kohima: OM tlk in U/lang, ID, Eng nx (Sparks)
3295	1452	222	OR	AIR, Delhi: Urdu w/ subcont mx (Bodell 2/20)
3315	1430	232	CA	AIR, Bhopal: subcont mx, tlk, AIR ID (Sparks 2/7)
3905	1548	433	JAPAN	AIR, Delhi: Eng tlk by OM, 1552 ID (Junqua 1/29)
7225	0159	333	FL	AIR, Delhi: Hindi w/ subcont mx, YL songs (White 2/3)
9525	1800	222	WA	AIR, Allgarh: Eng nx, ID, cmty (Rojewski 1/19), and Miklejewski MN, Baumgartner ONT @ 2105, Yajko PA.....
9912	2145	242	NJ	AIR, Delhi: Eng nx, Ind mx (Cohen 2/7)(Beaudoin CT)
11810	1408	243	MN	AIR, Delhi: Eng cmty, Indian mx (Miklejewski 1/30)

All India Radio

INDONESIA

3204	1413	232	OR	RRI Bandung: Indo tlk by OM (Bodell 2/16)
3277T	1440	--1	CA	RRI Jakarta: Indo mx, CW QRM (Cleveland 1/12)
3708	1548	211	JAPAN	Unid Indo w/ island mx, Indo tlk, 1600* (Junqua 1/31)
3905	1445	333	CA	RRI Palangkaraya: Indo mx, re Jakarta nx (Sparks)
3935	1455	--1	CA	RRI Semarang: Indo tlk, ID, mx (Cleveland 1/12)
3945	1408	333	JAPAN	RRI Dempasar: Indo tlk by OM, 1411 ID (Junqua 1/28)
3960	1450	--1	CA	RRI Padang: Indo mx, YL tlk (Cleveland 1/15)
4000	0945	332	OR	RRI Kendari: modern Indo mx (Bodell 2/11)
4699	1343	132	TX	RKIP Surabaya: Indo tlk, VRPRK QRM (Laves)(Junqua)
4764	1453	--3	CA	RRI Medan: pop mx, "Love Ambon", ID (Cleveland 2/2)
4790	1036	422	JAPAN	RRI Fakfak: Indo tlk, nx, mx, IDs (Junqua 1/26)
4845	1351	422	JAPAN	RRI Ambon: Indo w/ YL mx, QRMd (Junqua 1/31)
4927	1548	433	JAPAN	RRI Jambi: Indo w/ chants, "LA", 1600* (Junqua 1/28)
4932	1500	--2	CA	RRI Surakarta: Indo w/ nx by OM (Cleveland 2/2)
5260	1440	--2	CA	RRI Sibolga: Indo mx, CW QRM (Cleveland 2/3)
5968	1436	343	CA	RRI Banjarmasin: Indo mx, ID, re Jakarta nx (Sparks)
6045	1640	333	WA	RRI Jakarta: Span tlk, Indo ID, 1658* (Beal 1/22)
7058	1355*	343	OR	RRI Jakarta: S/off w/ anthem (Bodell 2/16)
7070	1351	333	OR	Unid Indo w/ tlk, mx, sudden 1400 off (Bodell 2/16)
7110	1048	323	CA	RRI Yogyakarta: Eng nx, mx (Leistner 1/25)
11790	1140	333	TX	VoIndonesia: Eng cmty, mx (Fleming 1/24)(Leistner CA)

Radio Republik Indonesia

IRAN

9022	1905	111	PA	VOI: Farsi tlk (Baron 2/8)(Eng @ 1959 Crews FL)
15084	1340	343	CT	VOI: Farsi tlk, Persian mx (Beaudoin)(Earhart PA)

Voice of Iran

IRAQ

3951	1556	222	JAPAN	RB: Arabic tlk, mx, mentions of Baghdad (Junqua 1/29)
6030	1231	222	NJ	RB: HS in Kurdish, YL tlk, mx (Famularo 1/27)
9758	2013	333	PA	RB: Eng w/ pop mx (Yajko)(Arabic @ 1758 Bodell OR)

Radio Baghdad

ISRAEL

5900	0500	233	WI	IBA: Eng nx, wx (Kreis 1/17), also by Hardester CA to 0530*, and Earhart PA.....
5950	0514	243	CA	IBA: Eng/Fren, // 5900 (Hanavan 1/15)(Brookwell 2/7)
7395	0515	434	OH	IBA: Eng/Fren, // 7412 (Van Fossen 1/19)(Mercado CA)
7412	2000	222	MN	IBA: Eng nx (Kurtz 1/20), also by Baron PA, Earhart PA, and @ 0500 by Crable ID, Pimblett ALB.....
7462	0629	343	PA	IBA: Hebrew? w/ pop mx, YL annx (Earhart 2/1)
7697	0500	333	TX	IBA: Eng nx, wx (Collard 1/26)
9009	2210	434	PA	IBA: Fren tlk, mx (Yajko 1/20)(Mikejewski MN)
9815	2030	444	QUE	IBA: Eng nx, 2050* (Perry 2/2)(Baumgartner ONT)
9950	2050	444	WI	IBA: Eng w/ nx, TCs, freqs, (Woltman 1/26)
11625	1245	433	WA	IBA: Fren tlk on Lebanon (Beal 1/16)
12080	1610	354	MN	IBA: Hebrew HS w/ pop mx, ID, ads (Miklejewski 2/3)
15100	1225	343	PA	IBA: Eng nx, ads, 1230 French (Earhart 2/2)

Israel Broadcasting Authority

JAPAN

3377 0940 222  
 3910 1352 333  
 3925 1445 --3  
 5990 1510 344  
 6055 1045 332  
 6155 1609 242  
 9505 0700 433  
 9585 1605 323  
 9595 1540 343  
 9605 0930 444  
 9670 1730\* 353  
 11705 \*2345 433  
 11750 1802 333  
 15105 2207 343  
 15300 0004 444  
 15420 0205 444

NHK=Radio Japan

OR NHK 2, Osaka: YL/OM singing in Japanese (Bodell 2/11)  
 CA FEN, Tokyo: Eng w/ mx, nx (Naylor 1/31)(B. Miller CA)  
 CA Nihon Short-Wave Broad. Co: OM w/ JJ tlc (Cleveland)  
 MN NHK: Eng w/ 'Current Topics' (Miklejewski)(Miller CA)  
 MS NSB: Eng lessons, ads, 'Tokyo Forum' @ 1530 (Jones 1/23), and Herbold CA, Zink CA, Cleveland CA.....  
 CA FEN: Eng nx, mx (Nebron 2/11)(Zink CA)(Rojewski WA)  
 TX NHK: Eng nx, topics (Collard 1/10)(Benjamin CA 2/5)  
 TX NHK: eng/JJ to Europe (Fleming 1/20)(B. Miller CA)  
 TX NSB: Eng w/ 'DXers of the World', ads, Eng/JJ lessons (Fleming 1/20), and Stephenson CA, B. Miller CA.....  
 CA NHK: Japanese tlc, band mx (Brookwell 1/23)  
 CA NHK: OM/YL tlc, vocals (Hardester 2/9)  
 NJ NHK: Eng to NA, RAE QRM (Cohen 2/2)(Brooks CT 1/17)  
 WA FEN: Eng w/ nx, wx, ID, 'Night Train: (Rojewski 1/24)  
 PA NHK: Eng w/ political tlc (Yajko 1/20)(Thompson NM)  
 ID NHK: Eng w/ 'Hello America' (Cable 1/24)(C. Miller)  
 HI NHK: Eng cmtly on World hunger (Bill Trubee 1/18)

JORDAN

9560 1725 342

**NIPPON HOSO KYOKAI (Japan Broadcasting Corporation)**

FL R. Jordan (HKBS): Eng w/ lite mx, 1730\* (White 1/25)

KOREA, D. P. R.

2475 0915 232  
 2670 1242 443  
 2850 1445 --3  
 3320 1444 --3  
 3340 1346 333  
 3560 1454 --3  
 4030 1347 433  
 4273 1640 343  
 9420 1005 434  
 9977 1905 322  
 11535 2350 444

HI KCBS, Sinuju: Kor mx, annx, // 2670 (Trubee 1/20)  
 JAPAN KCBS, Sariwon: Kor tlc, // 2696 $\frac{1}{2}$ , 2745, etc (Junqua)  
 CA R. P'yongyang (KCBS): Kor tlc by OM (Cleveland 1/30)  
 CA RP: Korean tlc by OM (Cleveland 2/2)  
 OR Unid Korean w/ an operetta (Bodell 2/20)  
 CA RP: Russian tlc by OM, anthem, 1450\* (Cleveland 1/28)  
 JAPAN KCBS: Kor tlc by YL, 'rev.' mx, // 2850 (Junqua 1/29)  
 OR KCBS, Kangye: Kor mx, overmod. (Jessen 1/29)  
 CA RP: Eng nx, cmtly by YL (B. Miller)  
 WA RP: Eng nx, ID, revolutionary songs (Rojewski 1/25)  
 CA RP: Eng w/ cmtly, sked, anthem, 2400\* (Brookwell 2/8)

#8. YEJANG-DONG. JUNG-GU. SEOUL. KOREA

KOREA, REP. OF

2510 1454 --3  
 2670 0935 121  
 9560 1620 343  
 9600 0920 444  
 9640 0955 444  
 11850 0515 322

CA KBC, Taegu: HS 1 w/ Kor tlc by OM (Cleveland 2/4)  
 HI KBC, Taegu: Kor tlc, // 3918 (Trubee 1/20)  
 CA R. Korea: Eng w/ YL tlc, IDs (Hardester 1/24)(Beal)  
 CA RK: Eng on tourism, colleges (Brookwell 1/23)  
 CA RK: JJ tlc, ID, Eng @ 1430 (Brookwell 1/23)(Cleveland)  
 CA RK: Eng w/ tlc on Korean cult. (Zink 1/20)(Brookwell)

KUWAIT

11940 1738 323

**RADIO KUWAIT**

MN RK: Eng w/ pop mx, IDs, nx, wx (Miklejewski 1/17), and by Beauoin CT, and Baron PA 2/8.....

LAOS

7145 1150 232

MA NRBS: Thai, etc. w/ anthem at each  $\frac{1}{2}$  hour (Zimarowski 1/21+), and in French @ 1305 by Bodell OR 2/16.....

2/4

LEBANON

9545 1615 ---

JAPAN RL: Arabic tlc, 'Libnon min Beirut' ID, 1621\* (Junqua)

MALAYSIA

3915 1504 --3  
 5965 0130 ---  
 6065 1414 434  
 7110 1048 322  
 9740 1431 343  
 15435 0025 222

Radio Malaysia Kuala Lumpur

CA BBC, Tebrau: Eng w/ World nx, ARO QRM (Cleveland 1/12)  
 CA RMKL: lang/Chi HS w/ tlc, mx, QRM (Brookwell 2/7)  
 CA BBC: Eng lessons, ID (Naylor 2/6)  
 WA RMKL: U/lang w/ mx (Beal 1/18) how about Yogyakarta?  
 CA BBC: Eng w/ classical mx, 1500 ID (Naylor 1/17)  
 CA BBC: Eng w/ nx (Benjamin 2/6)



NEPAL

3425 1211 142

TX RN: YL singing in Nepali (Laves 1/10)(Cleveland CA)

PAKISTAN

3327 1229 222  
 6128 0140 444  
 7080 0148 232  
 7290 1200 343

CA RP, Peshawar: Urdu? tlc by YL/OM (Leistner 1/25)  
 OR RP: YL singing, tlc, LP echo (Bodell 2/10)  
 OR RP, Karachi: Pakistani mx (Bodell 1/24)  
 FL RP, Karachi: Urdu tlc, ID, mx (Smith 1/8)



PAKISTAN (Continued)

9462 1425 333 MN RP, Karachi: Eng tlk (Miklejewski)(@ 0330 T Hardester)

Azad Kashmir

3840 1550 433 JAPAN AKR: U/lang tlk, subcont mx, 1600 ID (Junqua 2/4)

PHILIPPINES

Far East Broadcasting Co.

3345 1420 333 CA FEBC: Eng relig pgm (Sparks 1/17)(Bodell OR 2/11)  
 5995 1436 322 CA AFRTS relay: CBS nx, PSAs, ID (Hardester 1/25)  
 6030 1600 222 WA FEBC: Eng ID, hymn, 1604\* (Beal 1/25)  
 7225 1150 434 TX FEBC: U/lang relig pgm, pop mx (Fleming)(Thompson NM)  
 9545 2230 433 WA VOA: Eng w/ "The Breakfast Show" (Rojewski 1/25)  
 9580v 0735 343 OR VoPhilippines: Eng w/ ID, mx (Pitts 1/24)(Brookwell)  
 9715 1445 --4 CA FEBC: Chi w/ relig pgm, mx (Cleveland 1/23)  
 12370 2330 --- JAPAN VOA: Eng w/ "Bkfst Show", 2 x 6185 (Koizumi 2/3)  
 15310 0100 343 HI R. Veritas: Eng annx test bc to 0200 (Trubee 2/4)  
 15440 2340 343 CA FEBC: Eng w/ "Listeners Corner", nx (Somers 2/1),  
 also by Mercado CA, and Baron PA.....



QATAR BROADCASTING SERVICE

QATAR

9570 1515 322 JAPAN QBS: Arabic mx, tlk, ID (Koizumi 1/29)(Bodell OR)

RYUKYU ISLANDS

7165 \*1058 232 MA VOA, Okinawa: Eng nx (Zimarowski 1/24)(Fleming TX)

SABAH

Radio Malaysia Sabah

4970 1442 --2 CA RMS: Bahasa Malaysia tlk, mx (Cleveland 1/21)

SARAWAK

Radio Malaysia Sarawak

4835 1505 --3 CA RMS, Kuching: BM tlk, ID (Cleveland 1/20)  
 4950 1550 333 CA RMS, Kuching: Eng w/ pop mx, requests (Birby 1/27)  
 5005 1001 333 OR RMS, Sibur: Qur'an after S/on (Bodell 2/11)  
 5030 1447 --3 CA RMS, Kuching: Bidayah tlk, pop mx (Cleveland 1/29)  
 7145 1055 121 WA RMS, Kuching: U/ing w/ vocals (Beal 1/20)

SAUDI ARABIA

6130 2240 343 CT BKSA: Qur'an, anthem, 2301\*, // 5960, 9730 (Brooks 1/20), also by White FL, Famularo NJ.....  
 9745 1403 433 JAPAN BKSA: Arabic tlk, 1405 ID (Junqua 1/27) no Iraq?

SINGAPORE

5052 1630\* 433 CA RS: Eng pgm (Stephenson 1/24)(Pitts OR)(Thompson NM)

SRI LANKA

4780 1632 433 JAPAN SLBC 2: Sinhala tlk, mx, ads, IDs (Junqua 1/29)  
 9720 1500 433 OH SLBC: Eng pop mx, BBC nx, relig pgms, 'Dennis Gibbons Show' (Van Fossen 12/23)(Miklejewski MN)(Yajko PA)..  
 11800 1910 222 MN SLBC: Eng to Europe, ID, nx (Miklejewski 1/29)

TAIWAN

3230 1340 323 OR BCC: Chi tlk by YL (Bodell 2/20)  
 9685 1105 --- CA VoFree China: Chi? tlk, mx (Brookwell 1/23)  
 11825 1910 322 ID VOFC: Eng tlk, ID (Cralbe 1/11)

Broadcasting Corporation of China

THAILAND

9654 1000 333 CA RT: Mandarin tlk, Eng ID, freqs (Brookwell 1/23)

TURKEY

9515 1743 233 OH VoTurkey: Turkish w/ mx, 2200 Eng (Dean 1/11), also by Crews FL, Miklejewski MN, Famularo NJ, Yajko PA..  
 11880 2301 312 PA VOT: Eng w/ Turkish chants (Baron 2/1)

**THE VOICE OF TURKEY**

UNION OF SOVIET SOCIALIST REPUBLICS

Asiatic RSFSR and unknown sites

4135 1337 334 CA Mayak pgm, vocal ID by YL (Naylor 2/4)  
 4145 1345 333 CA R. Moscow? w/ Russian mx (Naylor 2/4)  
 4485 1450 --4 CA RM via Petropavlovsk-Kam: Russ class mx (Cleveland)  
 5015 1240 343 CT RM via Vladivostok: Russ mx (Beaudoin)(Miklejewski)  
 6035 1455 --4 CA RM via Khabarovsk? lite mx, Mayak ID (Cleveland 1/19)  
 6060 1400 343 CA RM: S/on in Chinese (Naylor 1/7)

U. S. S. R. (Continued)

6070	1357	444	CA	RM via Vladivostok: Mayak w/ mx, 1359 ID (Naylor)
6080	1357	242	OH	RM: Russian w/ classical mx, 1400 IS (Miller 2/8)
6090	1730	232	OR	Radiostansiya Rodina: IS, Russ pgm (Jessen 2/7)
6100	0800	222	CA	RM via Petro-Kam: IS, Japanese pgm, also noted @ 0240 w/ HS via Kursk (Euro RSFSR) (Brookwell 1/19)
6145	0855	333	CA	RM via Khabarovsk: IS, Chi tlk (Brookwell 1/18)
7110	0555	333	CA	RM via Nikolayevsk: Eng tlk on Siberia, //s (Brookwell)
7115	1453	--3	CA	RM: folk mx, Russ annx, IS (Cleveland 1/28)
7150	0117	433	TX	RM: Eng 'Moscow Mailbag' (Collard 1/25) Euro site?
7170	0245	333	WI	RM: Eng tlk, nx, mx (Larson 1/10)
7300	0435	--3	CA	RM via Kenga? w/ Eng cmtty (Cleveland 1/20)
7310	0643	333	CA	RM via Khabarovsk: pop mx, ID, Mayak IS (Brookwell)
7350	0100	544	OH	RM Eng answered Bob Yajko's question (Van Fossen 1/4)
7380	1207	443	PA	RM Chinese? tlk, mx, 1230 IS (Earhart 1/11)
9520	1435	343	IL	R. Sta. Peace & Prog: Eng nx of Africa (Hauser 2/2)
9540	0212	422	CA	RM w/ Chi mx, 0230 Peace and Prog, R. Rodina @ 0300 (Brookwell 1/22), and R. Yerevan @ 0300 (Crabbe ID)
9580	0300	243	WA	R. Kiev via FE site: Eng tlk (C. Miller)(B. Miller CA)
9760	0015	222	CA	RM: Arabic tlk, mx, 0200 Russian (Brookwell 1/16)
9770	*0700	433	CA	R. Sta. Pacific Ocean, Vlad. w/ Mayak pgm (Snyder)
11600	0000	222	CA	RM: class. mx, ID as 'Acushnet Ichitan' (Brookwell)
11860	0213	242	WA	RM: Eng w/ 'Moscow Mailbag' (C. Miller 1/26)
12050	2330	434	WA	RM: Eng w/ 'News, comment, & music', IDs (C. Miller)
15140	2330	322	HI	RM: Eng nx, cmtty, mx (Trubee 1/16)(C. Miller WA)

Kazakh SSR

5035	0120	333	OR	Alma Ata re RM w/ Chinese pgm, IS (Bodell 1/23)
5260	1100	222	CA	Alma Ata: Russ tlk, mx (B. Miller)

Tadzhik SSR

4635	0131	233	OR	Dushanbe: Russian tlk by OM (Bodell 2/10)
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Uzbek SSR

6025	1215	343	TX	R. Tashkent: Eng w/ local mx (Fleming 1/24)(Famularo)
9540	1229*	343	OH	RT: Eng w/ mx from Cabaret (A. Miller 1/18)(B. Miller)

*Democratic Republic of Vietnam*

VIETNAM

4000	1447	322	OR	Hanoi 1: YL w/ Viet tlk (Bodell 2/16)
4860	1345	333	OR	R. Hanoi: Cambodian tlk, // 7512 (Bodell 2/16)
4932	1505	333	OR	Hanoi HS: Viet tlk by YL, Viet mx (Bodell 2/20)
7245	1018	333	OR	R. Saigon: Viet tlk by OM (Bodell 1/26)
10040	0015	323	CA	VoVietnam: Malay, Indo, Eng pgms, // 15035 (Leistner)
10060	1220	353	CT	VOV: Viet w/ Viet songs (Beaudoin 1/13) / (Fleming)

YEMEN ARAB REPUBLIC

9780	1950	243	OR	R. Sana': Arabic mx, ID, tlk (Fitts 1/16)(Bodell OR)
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YEMEN, P. D. R.

7190	2130*	434	QUE	DYBS: Arabic mx, tlk (Perry 1/31)(Baumgartner)(Famularo)
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**OCEANIA**

AUSTRALIA

4920	1305	333	TX	ABC=Home Service Relay RA=External Service ABC, Brisbane: Eng w/ nx, flood rpts (Fleming 1/20), and Miklejewski MN, A. Miller OH, and Yajko PA.....
5995	1025	555	CA	RA, Lyndhurst: Eng pgrm, nx, mx (B. Miller 1/12), and Earhart PA, Yajko PA @ 1325.....
6140	1053	343	MS	ABC, Perth: Eng w/ mx, nx, wx, spts (Jones 1/31), also Miller OH, Yajko PA, Miklejewski MN, Cleveland.
6150	1000	333	WA	ABC, Melbourne: IS, ID, Eng nx (Beal 2/4)
7290	1155	343	PA	RA: Mandarin w/ jovial tlk, 1200 TPs (Earhart 1/11)
9540	1002	333	OR	RA, Canarvon: Indo w/ Eng lessons, 1030* (Bodell 1/26)
	2009	233	IL	RA, Shepparton: Eng nx, presume LP (Hauser 2/3)
9560	1240	333	MA	RA, Canarvon: Mandarin tlk, mx, ID (Zimarowski 1/31)
9570	0657	433	FL	RA: Eng mx, IS, ID, nx (Crews 2/10)(B. Miller CA)
9580	1230	545	VA	RA: Eng pgm (Benson 1/23), and by Svinicki MI, Cohen MI @ 1415, Famularo NJ, Baron PA, Yajko PA, Smith FL

AUSTRALIA (Continued)

9610 1715 333 WA ABC, Perth: Eng on late for cyclone (Rojewski 1/25), and Cohen NJ, Svinicki MI, Famularo NJ, Earhart PA..  
 9680 0740 333 CA ABC, Melbourne: Eng w/ mx, DJ, ID (Brookwell 1/23)  
 9695 0915 444 CA RA: Indo w/ mx, nx (B. Miller 1/22)(Miklejewski MN)  
 9760 0845 222 CA RA: Eng w/ DJ, latest hits (Brookwell 1/24)  
 9770 1530 232 OH RA: Eng w/ "DXers Calling", IDs (Van Fossen 2/8), and Brooker MI, B. Miller CA, Miklejewski MN, Smith FL..  
 11725 2013 323 WA RA: Eng w/ 'World of Music', IDs (C. Miller 1/24)  
 11740 1015 333 WA RA: Eng w/ ID, pop mx (Beal 2/5)  
 11870L 2100 333 TX RA: Eng w/ nx, pop mx (Fleming 1/19)  
 11965 1705 211 CA RA: Eng w/ World nx (Stephenson 1/8) unlisted, reb.  
 15160 2130 222 CA RA: Eng nx, mx, ID (Benjamin 2/8)(Mercado)(Jessen OR)  
 15290 0440 222 CA RA: Eng w/ music of So. East Asia (Benjamin 2/5)  
 15320 1224 141 OH RA: Eng to NA w/ "The Australian Inventor", "Club Forum" (Dean 1/19)(Hanavan CA)(Herbold CA)(Nebron CA)  
 17795 0104 333 CA RA: Eng in // with 15320 (Hanavan 1/31)(Thompson NM)

Position géographique 22° 18'04" SUD  
 166° 29'02" EST

NEW CALEDONIA

3355 1022 433 JAPAN R. Noumea: 2 OM tlk in French, mx (Junqua 1/26)  
 7170 0630 233 TX RN: Fren w/ play, ads, mx, ID (Fleming)(Zimarowski)  
 11710 0715 322 CA RN: Fren w/ pop mx, local nx, // 7170 (Stephenson)

NEW HEBRIDES

3945 1030\* 322 CA NHBS: Pidgin, Eng, Fren, w/ extended sked to 1030 (Klontz 2/11)(w/ NHBS ID @ 0830 Bodell OR 2/11)

NEW ZEALAND

6105NF 0830 222 CA RNZ: Eng w/ mx, IDs (Brookwell 1/18)(Jones MS 2/1)  
 9520 0905 232 MN RNZ: Eng w/ nx, wx, market rpt (Miklejewski 1/15)  
 9585 0542 243 ONT RNZ: bellbird IS, ID, TC, Eng pgm (Baumgartner 1/17) (Van Fossen OH)(Svinicki MI)(C. Miller WA)(Crews FL) (Stephenson CA)(Rojewski WA)(Beal WA)(B. Miller CA) (Zimarowski MA)(C. Miller 1/27)(Crews FL) (C. Miller 1/27)(Crews FL) (Zimarowski MA)(C. Miller 1/27)(Crews FL) (Zimarowski MA)(C. Miller 1/27)(Crews FL) (Zimarowski MA)(C. Miller 1/27)(Crews FL).....  
 11780 0537 233 WA RNZ: IS, ID 'Sports Call' (C. Miller 1/27)(Crews FL)  
 15130 2300 444 HI RNZ: Tennis-NZ/India (Trubee 1/17)(Thompson NM)

PAPUA NEW GUINEA

3275 1005 322 JAPAN R. So. Highlands: Pidgin tlk, c&w mx (Junqua 1/26)  
 3305 1012 222 JAPAN R. West Highlands: Pidgin tlk, nx (Junqua 1/26)  
 3322½ 0912 211 CA R. Bougainville: Pidgin tlk, mx (Leistner 1/27)  
 3335 0842 323 OR R. East Sepik: Eng nx by OM (Bodell 2/11)  
 3360 1115 443 FL R. Milne Bay: strange Indo type mx (White 2/4)  
 4890 0816 333 WI NBC: Eng w/ nx, wx, sprts, 1300\* (Kreis 1/17), and Svinicki MI, Crews FL, Herbold CA, Crable ID, Earhart PA, Leistner CA, Miklejewski MN, Famularo NJ, Beal WA  
 9520 0636 453 CA NBC: Eng w/ "Listener's Choice" (Herbold 1/24)(Beal WA)(Stephenson CA)(Rojewski WA @ 0800\*).....

SOLOMON ISLANDS

5020 1133\* 212 CA Solomon Islands Information & Broadcasting Service  
 SIIBS: Eng w/ mx, nx, ID (Leistner 1/27)(Junqua JPN)

TAHITI

6135 0400 212 CA RT: Tahitian/Fren w/ mx, tlk (Nebron 2/8)(Pitts OR)  
 11825 ---- ---- NA RT: Tahitian/Fren w/ island mx, pop mx, 1900 Eng nx, heard by Fleming TX, Somers CA, Stephenson CA, Zink CA, Crews FL, Brooker MI, Dean OH, Crable ID, Beaudoin

CLANDESTINE

3549T 1457 --- CA anti-Fretilin, E. Timor sta. w/ OMS tlk (Cleveland 1/19)

UNIDENTIFIED

3320 1419 333 CA Russian tlk, mx (Naylor 2/5) is R. P'yongyang, reb.  
 4435 0625 333 CA non-Orient. tlk, boat whistle @ 0630 (Brookwell 2/2)  
 6300 1445 --1 CA native mx, OM annx in Russ dialect (Cleveland 2/4)  
 7265 0810 121 TX Fren w/ tlk, tinkling chimes like Rumbos (Fleming)  
 7510 1508 --3 CA Chi? w/ songs, YL annx (Cleveland 1/21) is Hanol, reb.  
 9680 1015 333 CA Hungarian choir, class mx, not VLR9 (Brookwell 1/23)  
 9976.76 1700 --- CA organ IS, Arabic w/ "Huna ?" (Hardester) is P'yongy.

NEW HEBRIDES/CLANDESTINE-a new station called Voice of Nagriamel has been noted on 7119v, and 3975, broadcasting in Pidgin w/ political tlk, island mx, 1000\*. The Nagriamel political party, advocating the withdrawal of the British (but not anti-French), is active in Espiritu Santo and other northern islands of the New Hebrides chain (Robert Yeo, Australia, via Numero Uno).....  
SRI LANKA-It was announced in Berlin that Deutsche Well and R. Tehran plan joint construction of a relay at a site on the East coast of Sri Lanka. There will be 3 x 250 Kw tx at the site originally planned for TWR. TWR has acquired a site on the NW coast of the island which is more favorable for transmissions to the subcontinent (Wolfgang Buscheo, FRG, via SCDX # 1362).....

the following items are copyrighted, used by permission by BBC Monitoring Service, first a quick overview of the Ext Svce for Hanoi, P'yongyang, VOFC  
KORRA/R. P'YONGYANG has this Eng sked: (0500-0600) on 9977, 9429, 3560; (0600-0800) on 12075, 9820, 3560; (1000-1100) on 11535, 9420, 3560; (1200-1400) on 9510, 9420, 7580, 3560; (1800-2000) on 9977, 6338, 3560; (2000-2200) on 9420, 6575, 3890; (2300-2400) on 15360, 11535, 3560. Broadcasts in Korean, Japanese, Russian, Chinese, French, Spanish, and Arabic are on these freqs: 15650, 15630, 12075, 12070, 11780, 11535, 9977, 9820, 9510, 9420, 7580, 6770, 6575, 6540, 6400, 6338, 6250, 3890 (SSB), 3560 (SSB), 3320, and 3015 (SSB).....  
TAIWAN/VOFC broadcasts in Eng: (0200-0350) on 17890, 15345, 11825; (1830-1930) on 17890, 15345, 11825; (2000-2100) on 17720, 15370, 11860, 9510. Broadcasts in Mandarin, Hakka, Cantonese, Amoy, Chouchou, Indo, Viet, Korean, Thai, Japanese, Arabic, and French use these freqs: 17890, 17800, 17720, 15425, 15125, 11915, 11860, 11825, 9685, 9600, 9575, 9510, 7130, 5980.....  
VIETNAM/HANOI-Eng sked: (0100-0200) on 12035, 10040; (0900-0930) on 15012, 12035; (1000-1030) on 12035, 10040; (1300-1330) on 12035, 10040; (1800-1900) on 15012, 10040. Relay of Home Svce to So. Vietnam: 1st Network (2115-1715) on 11060, 7375, 7080 (0000-1400), 6540, 4930, 4000; 2nd Network (2245-0100 and 1115-1600) on 10010, 7470, 6425, 4995. Hanoi broadcasts in Cantonese, Malay, Indo, Cambodian, Spanish, French, Russian, Mandarin, Laotian, Thai, and Japanese on 15012, 12035, 10060, 10040, 10010, 9640, 7512, 7470, 7375, 7080, 6450, 6425, 4995, 4930, 4860, or 4000.....  
CHINA-the Domestic Svce for minorities sked: W=Wulumuqi, X=Xilinhaote, HL=Halla'er, HT=Huhahaote, L=Lasa, Uighur (0030-0125) on 9920, 8565, and relays 7050W, 4110W; (1300-1355) on 8565, 6645, and 7050W, 4110W. Kazakh (0130-0225) on 9920, 8565, and 5440W, 4970W; (1400-1455) on 8565, 6645, and 5440W, 4970W. Mongolian (2230-2325) on 5920, 4770, and 7200X, 6080HL, 3900HL, 6045D, 5060W, 4220W, 489SHT, 4068HT; (1200-1255) on 5920, 4770, and 7200X, 6080HL, 3900HL, 6045D, 489SHT, 4068HT. Korean (0400-0455) on 8260, 6430; (1000-1055) on 6430, 4620; (2130-2255) on 6430, 4620. Tibetan (1100-1155) on 8565, 6645, and 9655L, 9490L, 4035L; (2330-0025) on 9920, 8565, and 9655L, 9490L.....  
OMAN is on 11890 (0230-0705, F. to 0900, 1100-1315), on 6175 (1315-2010)  
YEMEN/SANA' now on 7235, // 9780, 4853. YEMEN/ADEN on 5970 (ex 5060)  
LEBANON/BEIRUT-noted to the Americas (0130-0330) on 11785 in FF, AA, EE, SS  
USSR/MOSCOW has retimed its Mongolian svce, now 1000-1030 (ex 1130-1200), and BAKU broadcasts to the Mideast on 6135, 6110 (1300-1715 and 1830-1950), for ALMA ATA new freqs: 1st pgm-9780, 9590, 6180, 5970; 2nd-9790, 5960, 5260....  
MALAYSIA-Eng nx is retimed to 1100-15 (ex 1030-45), Malay nx to 1130-45 (ex 1230-45) on 9513, 5965, and regionals 9663, 7295, 6025, 4985, 4853, 4845....

SAUDI ARABIA-Foreign Svce from Jeddah: 9670 in Arabic (0300-0830 and 1000-2300); 11685 (0500-0600 in Turkish); 11855 (0600-0800 in Fren); (1000-1300 Eng), (1600-1700 Swahili), (1700-2000 Eng), (2000-2200 in Fren); 15115 (1300-1400 Indo), (1400-1500 Urdu), (1500-1600 Farsi).....(RA's DXers Calling).....

SRI LANKA-Eng Domestic Svce for SLBC, Chan 1: 4968 (1230-1730 daily); 6005 (0430-0730 on Sat, Sun, Holidays). Chan 2: 4940 (0030-0300 and 1130-1730 daily, 0030-0300 and 1030-1730 Sat, Sun, holidays); 6130 (0300-0330 and 0730-0930 daily, to 0430 and to 1030 Sat, Sun, Holidays).....RA's DXers Calling..

\*\*\*\*\*A/O KWICKIE KWIZ\*\*\*\*\*  
 Congrats go to Jane Bethge, Stan Micklejeski, Bill Cleveland who all came up with the correct answer, Azerbaijan SSR, last month. Now for this month's KWIZ. The Chinese call this city Haishenwal. What is the more common name?  
 \*\*\*\*\*

Mahalo to the 60 reporters that made this month's A/O possible. Welcomes to: Glenn Benson, Jane Bethge, Larry Brookwell, Jon Cohen, Mark Collard, Brett Hanavan, W. C. Klontz, Kenneth Kreis, Joseph Kurtz, Carl Miller, C. W. Perry, Jack Somers-whew! Remember to keep your DX items as up-to-date as possible. Even though the deadline is the 15th, reports received up to the 19th of the month will be used.....73, *Pat* .....1/22/76....

# WORLD SERVICE STATION SKEDS

## PROGRAMMI

BULLETIN DE PROGRAMMES

ENGLISH SERVICE

PROGRAMME SCHEDULE

Editor:

MEL HICKMAN  
7409 S.E. 82nd  
PORTLAND, OR 97266

Deadline: 15th

EMISSIONS

TRASMISSIONI

PROGRAMS

SERVIZIO

COMUNICATI NEL CORSO

### CURRENT ENGLISH SCHEDULES TO NORTH AMERICA

COUNTRY	STATION	TIMES (GMT)	FREQUENCIES	REPORTERS
Albania	R. Tirana	0000-0030	7065, 9750	Thompson, BBCMS
		0130-0200	6200, 7300	
		0230-0300	6200, 7300	
		0330-0400	6200, 7300	
Austria	ORF	1100-1130	9500, 11985	Wootten
		0130-0200	6155, 9770	
		0330-0400	6155, 9770	
		0430-0500	6015	
China, P. R.	R. Peking	0000-0100	9940, 11675, 11945	Miller-WA
		0100-0200	7120T, 9780T, 9940, 11945, 12055	
		0200-0300	7060, 9940, 12055	
		0300-0400	7120T, 9780T	
		0300-0500	WCNA 9460, 9940, 11650, 12055	
Czechoslovakia	R. Prague	1200-1300	11685	Miller-WA
		0100-0157	5930, 7345, 9540, 9630, 9740.	
		0300-0357	Same as above.	
Finland	R. Finland	0300-0330	9720	Harding, Wood, Macken
		1400-1430	15110	
German Demo Rep	RBI	0100-0145	9730	Harding
		0230-0315	9730	
		0330-0415	6080, 9560, 9730	
Israel	IBA	0500-0515	5900, 5915, 5950, 7395, 7412.5	Scannell Levin
		1200-1230	11655, 12025, 15100, 17815	
		2000-2055	5900, 7395, 7412.5, 9815, 11642.5	
		0130-0230	15195, 15420, 17725, 17825	
Japan	R. Japan	2345-0045	11705, 15300	Miller-WA
		0200-0400	6095, 6135, 7270, 9675, 11840, 15120	
Poland	Polish R.		(Program consists of English and Polish)	BBCMS Wood
		0230-0300	6025, 11935	
Portugal	R. Portugal	0430-0500	6025, 11935	Wood
		0130-0230	5990, 6190, 9570, 9690, 11710, 11940	
Roumania	R. Bucharest	0400-0430	Same as above.	Miklejewski
South Africa	R. RSA	2226-2320	5980, 9585, 11900	Kurtz Bernstein
		0030-0100	Collard, Bernstein, Yajko, Wilson, Lance, MH	
U.S.S.R.	R. Kiev	0030-0100	6020, 7150, 7205, 9635, 9780, 9790, 9800, 12050, 15140, 15180, 15455	Miller, BBCMS
		0300-0330	6020, 7140, 7245, 7260, 7400, 9580, 9780, 11860 (Su, Tu, F only)	
Vatican State	Vatican R.	0100-0115	5995, 6165, 9605	Bernstein

Stations not listed are unchanged from previous bulletins.

**ALBANIA:** R. Tirana continues to drift with the 2130 Polish transmission noted on 7289 heterodyning with RAI on 7290 and the 2300 Spanish relay of Peking on 6138 (nominal 6135) // 9500. (Wood)

**ANDORRA:** SCDX now notes that transmissions heard from R. Andorra were test beams using 3.5 kW. Positive reaction to these tests could lead to a regular service.

**CLANDESTINE:** From the copyrighted-and-used-by-permission BBCMS comes this schedule for Radio Espana Independiente (Keep in mind all transmissions are in Spanish with some Galician on Wednesdays, Basque on Fridays and a smattering of Catalan: 0600-0800 7690, 10110, 12140

### CLANDESTINE (CONTINUED):

1200-1400 10110, 12140, 14485, 15505  
1235-1255 15365  
1600-1800 7690, 10110, 12140, 14485  
1800-2245 10110, 12140, 14485  
2005-2025 15185

The 1800 transmission is a repeat of the 1600 transmission. All frequencies except 15185 and 15365 are believed to come from Bucharest with the 19 metre pair from Sofia.

Woody Smith sends this from SCDX: R. Revolucion Cubana broadcasts anti-Castro messages in Spanish (?) from 0430-0445 on 7086.4. If you don't find it there, try hunting around the entire 40 metre ham band. No power was given.

**BRAZIL:** Ceara Radio Clube, Fortaleza noted on 15168, up from 15165, at 2000. (Wood)

**EGYPT:** Roger Bernstein notes the European Service of R. Cairo is at 2200-2315 in English on 9805.

**ENGLAND:** If comedy is your bag, take note: The BBC will air some of the "The Men of the Ministry" programs starting in April at 0230 and 1430 as a part of the World Service. (Miklejewski)

**FRANCE:** Another couple of out-of-band frequencies for RFI: 5950 for French at 0500-0530 and 9790 in use at 2000-2200, a move from 9780. (Wood)

**GUATEMALA:** Both SW transmitters in Guatemala City remained operative through both earthquakes; noted running through the dark hours with emergency messages and Health warnings. (Wood)

**HONDURAS:** La Voz Evangelica, HRVC, Tegucigalpa, broadcasts in Spanish at 1100-0300 and in English at 0300-0500 on 4820 with 5000 watts. (Sann)

**IRAQ:** Home Service programs from Baghdad include Arabic on R. Baghdad from 0225-2330 on 6095, 6135, 7180, 9635, 15400, and 17770, Arabic on Sawt Ul-Jamaheer at 0225-2330 on 7225, Kurdish at 0300-0900 and 1230-2200 on 3240 and 6030, Toroman at 0900-1230 on 3250 and 6030, and Syriac at 1500-1630 on 3210. (Yajko)

**IVORY COAST:** Abidjan now beams Arabic at 2130 on the usual 11920. The ID is "Huna Abidjan, Idhaat as-Sahel al-Marfil". (Wood)

**LIBERIA:** ELNA Monrovia has adjusted the 1830-1915 Yoruba freq to 11945. (Wood)

**MARTINIQUE:** Bixby in California notes that Martinique lists only 3315 and 1310 for its 1000-0300 daily service in French.

**MOROCCO:** RTM Rabat has replaced 6190 with 6100 for Arabic // 6170 and noted 1900-0200. (Wood)

**NIGERIA:** The Sunday English Voice of Nigeria at 0630-0730 to West Africa and Europe is on 7275 and 15120. (Collard)

**PORTUGAL:** Adventist World Radio has a Russian transmission at 1800 on 9670, noted on a Thursday. (Wood)

**RHODESIA:** From Mike Hardester comes this sked for the Rhodesia Broadcasting Corporation:  
General Service (English):  
0355-0600 3396 1400-1500 5012, 6020  
0600-0630 3396, 5012 1500-1515 5012  
0630-0645 5012 1515-1600 3396, 5012  
0645-1000 5012, 6020 1600-s/off 3396  
1000-1400 6020  
African Service (Shona, N'debele, Nyanja, and English):  
0330-0600 3306 1400-1515 4828, 5975  
0600-0615 3306, 4828 1515-1530 4828  
0615-0630 4828 1530-1600 3306, 4828  
0630-1000 4828, 5975 1600-s/off 3306  
1000-1400 5975

Both services open at 0500 on Sundays with the rest of the skeds unchanged.

**SPAIN:** Not listed in the N.A. skeds is RTE's 0100-0145, 0200-0245, 0300-0345 (Tu-Sun only) on 6065 and 11880. (Wood)

**SUDAN:** Omdurman is noted from 1800-2140 on usual 11835 with standard Arabic only // 9504. (Wood)

**SWITZERLAND:** From Joseph Kurtz comes this sked for upcoming International Red Cross broadcasts:

Times: 0600-0700, 1130-1230, 1700-1800, 2200-2300

Dates: March 22, 24, 26; May 17, 19, 21; July 26, 28, 30; Sept 20, 22, 24; Nov 22, 24, 26

Languages: English, French, Spanish, German

Frequency: 7210

**TURKEY:** A choice DX target in this country is the 1000 watt Radio Hakkari on 7650, as noted in the Voice of Turkey sked.

The VOT sked continues to show Arabic at 1330-1430, Romanian 1430-1500, Greek 1500-1530, Bulgarian 1530-1600, Serbo-Croat 1600-1630, German 2100-2130, French 2130-2200 all on 11880 and English at 2200-0030 on 9515 and 11880. (Bixby, Miller-WA)

**USA:** Redwood City, California's KGEI has English at 0700-0800 and 1000-1100 on 5980 as reported by Texas' Mark Collard.

**U.S.S.R.:** Radio Kiev has a further English transmission: 5920, 6020, and 7360 to Europe at 1930-2000 on Mondays, Thursdays, and Saturdays. (BEGMS and Miller-WA)

Ukrainian beams to the Americas from Radio Kiev can be heard daily on 4860, 5940, 6020, 7100, 7150, 7205, 7235, 7400, 9635, 9790, 9800, 12050, 15180, 15450, and 17720. A further transmission is aired on Mondays, Wednesdays, Thursdays, and Saturdays at 0030-0100 on 6020, 7150, 7205, 9635, 9790, 9800, 12050, 15140, 15180, and 15450. (BBC Monitoring Service)

OOOOOOPS! Forgot to turn the page. Two more Ukrainian beams from RK: 0300-0330 (M, W, Th, Sa) on 6020, 7140, 7245, 7260, 7400, 9580, 9780, and 11860 (Miller-WA and Kurtz) and 0330-0400 on 5980, 7245, and 7260. (BEGMS)

**VENEZUELA:** Radio Tropical, Caracas, has world news in Italian at 0200 on the usual frequency of 4870. (Wood)

Radio Libertador, Caracas has Italian news at 0130 on 3345. (Wood)

Radio Nacional shows the following sked for use on 11750 and 15400:  
Arabic 1300 Monday through Friday  
Spanish 2100 Monday through Friday  
English 2200 Monday through Friday  
French 0400 Monday, Wednesday, Friday  
Portuguese 0400 Tuesday, Thursday.  
(Jernakoff)

**YEMEN, REF:** Sana'a heard on new 9780 with Arabic news at 2000, often plays European music instead of Arabic. (Wood)

**ZAIRE:** Kinshasa's new transmitter has apparently been opened with good strength on 15350 // 15245 from 1700-2100, mostly in French. (Wood) Best of DX, God Bless, ~~MBL~~

# UTILITY REPORT



EDITOR:

KEN COMPTON  
7 MOUNT VERNON STREET  
BRIGHTON, MA 02135

Deadline: 15th of the month

## QSLS

**ARGENTINA:** LOL - Observatorio Naval Buenos Aires, 10000, Folder card in 272 days air for MS. (Hardester-CA)  
**AUSTRALIA:** VHP Royal Navy Canberra, 6428, PFC & ltr in 32 days air for 2 IRCs. VS: Lt. B. M. Gabb, A/CPS Officer, R.A.N. (Hardester-CA)  
VNG Lyndhurst 7500 Folder cd in 28d air, no RP (Cohen-NJ)  
**AZORES:** CUG33 CPRM Ponta Delgada, 6393.5, f/d ltr EE 16d air MS (Walters)  
**BRASIL:** PPQ7 EMBRATEL Rio, 14605, Earth Station cd in 23d air for MS.  
VS: Ara Apkar Minassian, Chief Engineer (Walters-NJ)  
**CANADA:** CFH Navy Ellershouse N.S., 8662, f/d cd in 2 mos. air for 2 IRCs. (Koizumi-JAPAN)  
CKN, Aldergrove, B.C. CFS, 4307, PFC & personal ltr in 64d surface for MS. VS: William A. Rendall (Petty Officer). (Walters-NJ)  
**COSTA RICA:** TIO2, Radiografica Costarricense, 7665, f/d SS ltr in 14d air for MS & SS rpt. VS: Arnoldo Muller V. (Walters-NJ)  
**CUBA:** NAW11, AAC&R Guantanamo, 6885, usual cd 12d air for MS (Hardester)  
**DENMARK:** OXZ62 Lyngby R. 12573.5, f/d tower cd in 101d for 2 IRCs. (MacLennan-ONT)  
**FRANCE:** PFL3 St. Lys R. 6421.5, f/d ltr in 15d air for 3 IRCs. VS: R. Valot. (Kurtz-MN)  
**GUAM:** NRV1 USCG Lorsta, Orote Point, 7580, returned PFC in 9d air for MS VS: James Boyul, ET3. Address: USCG Lorsta, Orote Point Box 163 FPO San Francisco, CA 96680 (Chabak-CO)  
NRV USCG R. 7581.4 PFC in 11d for MS. 10 kw. (Chabak-CO) PFC in 2 mos. air for 3 IRCs (Koizumi-JAPAN)  
**HAWAII:** NRO2 USCG Lorsta Makahuena Point, 4050, PFC in 12d for MS. VS: Robert E. Porter, ET1. (Chabak-CO)  
NRO5 USCG Lorsta Upolu Point 4050 PFC in 15d (Chabak-CO)  
NRO7 USCG Lorsta Kure Is. 4050 PFC in 19d. Address: USCG Lorsta Kure USNS Box 36 FPO San Francisco, CA 96614 (Chabak-CO)  
**HOLLAND:** PCH6 Scheveningen R. 12799.5 f/d cd in 16d for EE rpt & 2 IRCs. (MacLennan-ONT)  
**JAPAN:** JDC Chosi R. 13054, f/d antenna cd in 19d for 2 IRCs (MacLennan)  
**MADEIRA:** CUB29 6393 f/d ltr in 194d for SS rpt & 2 IRCs (MacLennan-ONT)  
**MEXICO:** XFL Mazatlan R. 6442 f/d ltr in 178d air for SS rpt & MS. VS: Clemente Perez Correa, Ing., Subdirector. (Hardester-CA)  
**NEW AMSTERDAM IS.:** FJY4 8690 PFC in 3m surface for FF rpt & 3 IRCs (Koizumi-JAPAN)  
**NEW ZEALAND:** ZLP2 Waiouru 4250 PFC & ltr in 249d surface for 2 IRCs after followup. (Hardester-CA)  
**NORWAY:** LFI Rogaland R. 12961.5 f/d PFC in 61d for 2 IRCs (MacLennan)  
**PHILIPPINES:** DZG ITT Manila f/d cd in 57d air for MS (Walters-NJ) 44d air for 2 IRCs (Hardester-CA)  
**REUNION IS.:** FTS St. Denis ??? f/ltr in 1 mo. for FF rpt & 2 IRCs (Koizumi)  
**RYUKYU IS.:** NCN USN Futema 6368.5 f/d PFC in 29d for ms (Hardester-CA)  
**SAUDI ARABIA:** HZY Arabian American Oil Co. Drahon 8480 f/d ltr in 95d for EE rpt & 2 IRCs (MacLennan-ONT) 2m for 2 IRCs (Koizumi-JAPAN)  
**SENEGAL:** 6VA Dakar R. 6383 b&w cd in 55d air for FF rpt & MS (Walters-NJ)  
**U.S.A.:** WNU TRT Slidell LA 6495 f/d cd in 7d for MS (Kurtz-MN)  
USCG Lorsta Jupiter FL NMA7 4048.5 PFC in 9d for MS (Chabak-CO)  
WMH Baltimore R. 8686 f/d cd in 16d for MS (Hardester-CA) 8d (Kurtz-MN)  
NOY USCG Galveston TX f/d cd in 13d for SASE (Kurtz-MN)  
WCC RCA Chatham MA 8630 f/d ltr in 6d for ms (returned) (Kurtz-MN)  
NMC USCG Pt Reyes CA 8575 f/d cd in 1m air, IRCs returned (Koizumi-J)  
WMC64 AT&T Dixon CA 14747.5 map cd & f/d PFC in 15d for MS (Walters-NJ)  
WFM55 ITT Brentwood NY 15785 f/d ltr in 7d for MS (Walters-NJ)  
**YUGOSLAVIA:** YUR5 Rijeka R. 12780.5 PFC in 59d surface for MS (Walters)  
**SHIPS:** NJIL CGC Point Judith 5696 PFC in 21d for MS (Chabak-CO)  
DAJA "St. Jacobi" 8368 PFC in 25d for EE rpt, IRC returned (French-MD)  
6ZHK "Mar Caribe" 8358 PFC in 11d for EE rpt & SASE (French-MD)

LOGGIN3S

<b>ALASKA:</b>	5317	0349	NRW1 Sitkinak Loran w/Cape Sarichef USB (Hickman)
		0506	NRW2 St. Paul Is. tfc USB (Hickman-OR)
		0519	NMJ22 Attu Loran w/Port Clarence USB (Hickman-OR)
	5423.5	0542	NRW1 Sitkinak Loran tfc USB (Hickman-OR)
		0548	NMJ21 Adak Loran w/NMJ22 SSB (Hickman-OR)
	5696	0314	NOU CGAS Annette Is. tfc SSB (Hickman-OR)
<b>CANADA:</b>	500	0042	VFN Montreal R. clg OUTC CW (Olsson-CT)
	6753	2320	VXA Edmonton Military wx bcst USB (Hickman-OR)
	2716	1119	Mayport Tug Control ship tfc OM EE (Chabak-CO)
	4357	0535	CFH Ellershouse NS CFS V mkr CW (Mercado-CA)
	8868	0628	Gander R. Newfoundland VolMet wx AM (Crews-FL)
<b>U.S.A.:</b>	17403	1733	WWD Scripps Institute of Oceanography, La Jolla CA testing SSB (Beaudoin-CN)
	4136.3	1612	KOF Coos Bay OR ocean tug tfc SSB (Hickman-OR)
	4339	0030	AFH34 Nellis AFB NV "Dragnet" tfc USB (Hardester)
	5692	0215	NMG1 CGAS New Orleans OM EE tfc USB (Beal-WA)
	5696	0100	NMY USCG NY rescue tfc USB (Beal-WA)
		0120	CGAS Corpus Christi TX tfc LSB (Beal-WA)
		0407	NOR CGAS San Diego a/c tfc (Hickman-OR)
	5870	0235	NST multicall mkr keyed from Key West FL CW (Hardester-CA)
	8286	0730	WSC RCA Tuckerton NJ tfc USB (Trubee-HI)
	8747	2355	WOM ATT Ft Lauderdale tfc USB (Benjamin-CA)
	8770.5	2313	WOO ATT Manahawkin NJ OM EE vm USB (Thompson-NM)
	8868	0019	WSY70 NY VolMet YL EE wx USB (Benjamin-CA) 0635 (Crews-FL)
	8903	1238	Oakland VolMet OM EE wx AM (Brooker-MI)
	13161.5	0517	KMI AT&T Pt Reyes CA OM EE tfc USB (Mercado-CA)
	17218	1838	NMC USCG Pt Reyes CA tfc USB (Beaudoin-CN)
	17304	0050	KMI AT&T Pt Reyes CA tfc USB (Trubee-HI)
	17403	1733	WWD Scripps Institute of Oceanography La Jolla CA OM EE test SSB (Beaudoin-CN)
<b>MEXICO:</b>	4270	0347	XFU Veracruz R. CQ mkr CW (Hickman-OR) 0145 (Thompson-NM)
	6390.5	2320	XFU Veracruz R. CQ mkr CW (Kurtz-MN)
	12772a	1726	XFL Mazatlan R. CQ mkr CW (Thompson-NM)

CARIBBEAN

<b>BARBADOS:</b>	8750a	0544	BPO C&W St Philip CQ mkr CW (Mercado-CA)
<b>BERMUDA:</b>	8718	1720	VBT C&W Bermuda R. CQ mkr CW (Beaudoin-CN)
<b>CUBA:</b>	12748	2000	CLA Havana R. CQ mkr CW (Kurtz-MN)
<b>CURACAO:</b>	8694	0050	PJC Willemstad CQ mkr CW (Kurtz-MN)
	13042.5	1653	PJC Willemstad CQ mkr CW (Thompson-NM)
<b>MARTINIQUE:</b>	4263	0600	FFP2 PTT Fort de France CQ mkr CW (Hardester-CA)
	12831	1735	FFP7 PTT Fort de France CQ mkr CW (Thompson-NM)

CENTRAL AMERICA

<b>CANAL ZONE:</b>	12883	2040	NBA USN Balboa CQ mkr CW (Thompson-NM)
<b>COSTA RICA:</b>	8478	1335	TIM Limon R. V mkr CW (Koizumi-JAPAN)
	13099.5	2025	TIM Limon R. V mkr CW (Thompson-NM)

SOUTH AMERICA

<b>ARGENTINA:</b>	8646	0350	LPD86 Gen. Pacheco R. V mkr CW (Thompson-NM)
	13172.2	0515	LPL25 Gen Pacheco R. OM SS vm USB (Mercado-CA)
<b>BRAZIL:</b>	6369	0306	PPA25 Amaralina R. CQ mkr CW (Thompson-NM)
<b>CHILE:</b>	8607a	0350	CGS Navy Santiago V mkr CW (Thompson-NM)
<b>COLOMBIA:</b>	4277	0217	HKB Barranquilla R. V-CQ mkr CW (Thompson-NM) 0935 (Hardester-CA)
	12781.5	1820	HKB Barranquilla R. V-CQ mkr CW (Kurtz-MN)
<b>URUGUAY:</b>	12750	0102	CWA Cerrito R. Montevideo V mkr CW (Thompson-NM)
<b>VENEZUELA:</b>	6351.5	0350	YVG La Guara R. CQ mkr CW (Thompson-NM)

EUROPE

<b>AZORES:</b>	3081	0348	CWV Lajes AFB tfc SSB (Beaudoin-CT)
<b>ENGLAND:</b>	3067	0544	AJE Croughton AFB tfc SSB (Beaudoin-CT)
	13020	1701	GKC Fortishead R. ID mkr CW (Thompson-NM)
<b>FRANCE:</b>	10230	2105	FFK23 FTS Paris OM FF/EE vm USB (Olsson-CT)
<b>GERMANY, W.:</b>	4244	0150	DAL Norddeich R. V mkr CW (Thompson-NM)
	12763.5	1711	DAM Norddeich R. V mkr CW (Thompson-NM)
	12898.5	2010	DAN Norddeich R. V mkr CW (Kurtz-MN) 1707 (Thompson-NM)



GREECE:	4123a	0200	SVA Athinal R. V mkr CW (Thompson-NM)
ICELAND:	12175	1917	TFA PTE Gufunes EE/Icelandic vm SSB (Crews-FL)
	13069.5	2015	TFA13 Reykjavik R. CQ mkr CW (Thompson-NM)
ITALY:	6425	0332	IAR Roma R. V mkr CW (Thompson-NM)
MADEIRA:	4292	0212	CUB CPRM Funchal CQ mkr CW (Thompson-NM)
MALTA:	6480a	2203	GYZ Royal Navy Lascaris ID mkr CW (Koizumi-JAPAN)
NETHERLANDS:	7735	2249	PDL27 PTT Kootwijk OM EE vm USB (Beaudoin-CT)
	8515a	1712	PBC Navy V mkr CW (Koizumi-JAPAN)
NORWAY:	8527.5	1334	LFN Rogaland R. V mkr CW (Koizumi-JAPAN)
PORTUGAL:	8642	2325	CTU2 Monsanto R. V mkr CW (Thompson-NM)
	9117	2155	CUA45 CPRM Lisbon clg XXF48 CW (Olsson-CT)
SPAIN:	4349	0401	EAD Aranjuez R. CQ mkr CW (Thompson-NM)
USSR:	17140	1836	UMV Murmansk CQ mkr CW (Beaudoin-CT)

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AFRICA

AFARS&ISSAS:	8568	2205	FUV Fr. Navy Djibouti V mkr CW (Olsson-CT)
CMR.AF.REP.:	9305	2220	FRB Bangui YL FF/EE vm LSB (Olsson-CT)
CONGO, P.R.:	12125	1937	TNH21 FTS Brazzaville OM FF vm LSB (Crews-FL)
ETHIOPIA:	10835	2202	ETJ84 ETS Addis Ababa YL EE/FF vm USB (Beaudoin)
IVORY COAST:	7570	0045	TUF75 INTEL CI Abidjan YL EE/OM FF vm LSB (Beaudoin-CT)
LIBERIA:	18352	1605	KKN44 US Embassy Monrovia QRA mkr CW (Beaudoin-CT)
MAURITIUS:	6552	2200	3EM375 Port Louis R. CQ mkr CW (Kurtz-MN)
S. AFRICA:	4247	0220	ZRH Cape Naval R. Wynberg tfc call CW (Thompson)
	4287	0135	ZS22 Cape Naval R. Wynberg CQ mkr CW (Thompson-NM)
	4377.4	0420	ZSC Capetown R. YL EE vm SSB (Svinicki-MI)
	6386.5	2150	ZS23 Capetown R. CQ mkr CW (Kurtz-MN)
	6495	2143	ZRH3 Wynberg Cape Naval R. CQ mkr CW (Koizumi-J)
	8466	2340	ZRQ Cape Naval R. Wynberg V mkr CW (Thompson-NM)
	8744.8	0520	ZSC26 Capetown R. OM EE vm USB (Trubee-HI)

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ASIA

CHINA, P.R.:	8504a	2332	XSG Shanghai R. CQ mkr CW (Thompson-NM)
INDONESIA:	8686	1133	PKF Ujung Pandang R. CQ mkr CW (Koizumi-Japan)
ISRAEL:	13052	1655	4XO Haifa R. CQ mkr CW (Beaudoin-CT)
SO. KOREA:	12798	2325	HLC Inchon R. V mkr CW (Thompson-NM)
KUWAIT:	8525	1349	9KK Kuwait R. CQ mkr CW (Koizumi-JAPAN)
SINGAPORE:	8416a	1620	9VG56 Singapore R. CQ mkr CW (Thompson-NM)
U.S.S.R.:	8610	1405	UXN Archangel R. CQ mkr CW (Olsson-CT)

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ANTARCTICA

AMSTERDAM IS.:	8690	1208	FJY4 V mkr CW (Olsson-CT)
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OCEANIA

AUSTRALIA:	6407.5	1245	VIO Broome R. tfc CW (Koizumi-JAPAN)
	8757.6	0750	VES Sydney R. tfc USB (Trubee-HI)
	8743	0514	VIP Perth R. tfc USB (Trubee-HI)
CAROLINE ISLANDS:	7581.5	0953	NRV7 YAP Loran tfc USB (Chabak-CO)
		0937	NRV4 Anguar Loran tfc USB (Chabak-CO)
GUAM:	7581.5	0728	NRV USCG Guam OM EE vm USB (Chabak-CO)
		0907	NRV1 Orote Point Loran tfc USB (Chabak-CO)
HAWAII:	6738	1541	AGA Hickam AFB tfc SSB (Hickam-OR)
	3467	1146	KUA Honolulu Aeradio tfc USB (Brooker-MI)
	8903	0553	KVM70 Honolulu VolMet OM wx AM (Crews-FL)
	3270	0515	NPM USN Pearl Harbor tfc CW (Beaudoin-CT)
	4050	0449	NR04 French Frigate Shoals Loran tfc SSB (Hickam-OR)
		1558	NR07 Kure Island CG tfc SSB (Hickam-OR)
JOHNSTON IS.:	4050	0450	NRO USCG Loran tfc SSB (Hickam-OR)
MARIANA ISLANDS:	7581.5	0803	NRV2 Saipan Loran tfc USB (Chabak-CO)
	2690	1002	NPN USN Guam V mkr CW (Hickam-OR)
NEW ZEALAND:	8504	1412	ZLB NZPO Awarua CQ mkr CW (Koizumi-JAPAN)
	12740	0110	ZLB5 NZPO Awarua R. ID mkr CW (Thompson-NM)
	13167a	0607	ZLW NZPO Wellington R. OM EE vm USB (Mercado)
PHILIPPINES:	6738	1536	AIC Clark AFB Skyking best SSB (Hickam-OR)
TAHITI:	15497.5	1850	PTS Papeete OM EE vm SSB (Davidonis-MA)

## SHIPS

425	2115	ABYR "Kungsholm" liner t/c to WSL CW (Olsson-CT)
2716	1120	Destroyer HMCS "Athabaskan" w/Mayport Tug Control OM EE AM (Chabak-CO)
	1130	USS "Butte" AE-27 w/Norfolk Tug Control usb (Chabak-CO)
	1123	USS "Kootz" t/c USB (Chabak-CO)
4048.5	0520	NSTF CGC "Steadfast" w/NMA USB (Chabak-CO)
4068	0426	USS "Kitty Hawk" t/c SSB (Hickman-OR)
4072.4	0629	GVBC cruise ship "Canberra" w/KMI SSB (Hickman-OR)
4101.2	0237	GBEM "Island Princess" clg KMI SSB (Hickman-OR)
	0452	NRUC CGC "Storis" w/KMI SSB (Hickman-OR)
4138a	0500	"Quadra" Canadian Weather Ship w/CKN SSB (Hickman-OR)
4180a	0309	KGYQ "Marine Texan" clg NMA CW (French-MD)
4183a	0315	LZIT "Toundaja" Bulgarian tanker clg GKB CW (Thompson-NM)
4185a	????	ELGP "Holsteindeich" clg YUR CW (French-MD)
8204.4	0550	LPSA "Sagafjord" EE t/c to KMI USB (Trubee-HI)
8361	2113	KPEM "American Alliance" cargo ship clg WCC SSB (Thompson)
8363	1624	GUSN "Oriana" liner clg GKB CW (Thompson-NM)
	0358	GYMT "Mahsud" cargo ship clg GKC CW (Thompson-NM)
8368a	????	USLI "Ivan Franko" clg DAN CW (French-MD)
8372a	????	JEQN "Mardi Gras" clg KLC Galveston CW (French-MD)
12370	0514	VMMW "Australian Explorer" w/VIP USB (Trubee-HI)
12372	2335	WTDF US Research Ship "Townsend Cromwell" w/WTDK (Trubee)
	2336	WTDK US Research Ship "David Star Jordan" w/WTDF (Trubee)
12534a	2145	CXFC "Esso Uruguay" clg CWA CW (Thompson-NM)
12550a	????	ICCO "Carla C." clg WCC CW (French-MD)
16570	0005	WTST US Research Ship "Thomas E. Cuffe" t/c USB (Trubee)

## AIRCRAFT

3071	0301	AIR FORCE ONE Andrews AFB phone patch to White House SSB (Beaudoin-CT)
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## MILITARY TACTICAL

4378.8	1610	DUNKIRK NFM Honolulu t/c SSB (Hickman-OR)
	1611	TREADOR NFG San Francisco t/c SSB (Hickman-OR)
4725	0241	CROSSFIRE Foxtrot type bcst USB (Chabak-CO)
6697	0832	PRIVATEER clg HAMPSHIRE SSB (Chabak-CO)
	2140	IVANHOE:NAM Norfolk VA w/HICKORY STICK:CINC 2nd Fleet USB (Olsson-CT)
6723	0414	PANTHER: USS Kitty Hawk w/RASPBERRY HOTEL SSB (Hickman-OR)
	0416	RECON BASE w/PANTHER SSB (Hickman-OR)
	0418	RASPBERRY MIRAMAR: San Diego CA w/PANTHER SSB (Hickman-OR)
	0423	RASPBERRY BARB: Barbers Pt HI w/Gray Eagle; USS Ranger (Hickman-OR)
	0424	RASPBERRY EL TORO: USMC CA w/MIRAMAR SSB (Hickman-OR)
	0611	Rasperry Guantanamo: NAW w/ZERO PAPA SSB (Hickman-OR)
6738	1635	FLATCAR w/BANJO 59 SSB (Hickman-OR)
6761	0400	SECOND BASE: Offutt AFB SAC bcst USB (Wilson-OH)
	0405	NAPKIN HOLDER (SAC sta) Skyking bcst SSB (French-MD)
6761	0328	LEFTY GROVE w/MARTY 87 SSB (French-MD)
	0445	APRICOT TREE: March AFB, SAC bcst USB (Wilson-OH)
7885	0808	SHERIFF: NAS Bermuda YL EE wx USB (Chabak-CO)
8974a	2330	PHENOMENON: NAS Jacksonville FL w/OVERWORK: Navy net call-sign SSB (Markiewicz-MI)
13201	2155	BOSS ELEVEN clg McLellan AFB USB (Cook-MN)

## "SPY" NUMBERS STATIONS

3090	0325	YL SS 5-digit groups, 3-digit ID SSB (Svinicki-MI)
3200	0310	YL SS 5-digit SSB (Svinicki-MI)
4518a	0212	CW "923" 5-digit, 41 gr msg CW (Burton-OH)
4670	1401	"102" YL EE long count, then 4-digit grs AM (Brooker-MI)
5015a	0515	YL GG 5-digit groups LSB (Crews-FL)
5133	0711	YL SS 5-digit AM (Trubee-HI)
5238	1400	YL EE long count 4-digit "325" SSB (Gunn-IL)
5820	0608	"316" long count, 10 beeps, 126 4-digit groups, msg repeat "Final" @ 0632 2/2/76 AM (Mercado-CA)
6770	0610	"Atencion 747 23" YL 5-digit SS 23 group msg AM (Hickman)
7345a	0650	YL SS 5-digit AM 1/26/76 (Kurtz-MN)
8995	0645	YL SS 5-digit SSB (Kerrigan-IL)
9074	1405	YL SS 4-digit, off @ 1435 SSB 1/20/76 (Gunn-IL)
12405a	1610	YL SS 4-digit USB (Cook-MN)
14969.5a	2230	"170" YL 4-digit SSB. EE. DF bearing: 240° (Davis-CA)

RADIOTELETYPE

ALBANIA: 10435.5	ZAY Tirana RY test 66 wpm/425 Hz shift (Green-UT)
ANTARCTICA: 13592	1359 NGD McMurdo Sound wx 66/850 (Green-UT)
GERMANY, E.: 10440	1540 DKD Koenigswusterhausen RY test 66/425 (Green)
JAPAN: 7402.5	1630 JMG Tokyo wx 66/850 (Green-UT)
SINGAPORE: 9055	1805 9VVF46 Reuter News Svc RY test nx 66/850 (Green)
10810	1700 9VVF29 relaying ANSA press from Rome & Rome's QRA w/calls & freqs! 66/850 (Green-UT)
S.AFRICA 9799	0615 ZRH Wynberg EE test to NAU 66/850 (Green-UT)
UNKNOWN 10622	0215 TACL PIARCO test 60/825 (Scott-FL)
14515	1450 Reuters EE press 66/170 (Brooker-MI)
14695	1458 UPI SS press 60/850 (Brooker-MI)
U. S. A. 18485	2055 UPI NYC? nx & tfc SS (Scott-FL)
19537.5	2045 WFD99 AP EE nx NYC 60/425 (Scott-FL)
19620	2050 WFD79 NYC SS nx 60/425 (Scott-FL)
U.S.S.R. 8030	1500 RDZ71 Moscow nx RY test 66/425 (Green-UT)

Rick Matthew & John Walters have identified some of the unknown LW sites from the February "Utility Report":

198 COH FAA Swansboro NC	270 LB Lake La Biche, Alberta
270 MLK Malta, Montana	293 CRD Conrad, Montana
278a XSD Tonopah, Nevada	302 L Buzzards Bay, Massachusetts
329 BQP Bastrop, Louisiana	346 THJ Tallahala, Mississippi
354 ZES MOT Cape Scott, B. C.	373 PQ Tateyama Chiba, Japan

Hank Holbrook reports the following LW QSLs:

311 AFT Fort Smith, Arkansas	332 THA Tullahoma, Tennessee
395 KM Clarke (Sept-Isles) Quebec	397 CIN Carroll, Iowa
326 LCY Guthrie, Oklahoma	385 EVO Liverpool, Ohio
359 MTQ Greenville, Mississippi	326 SIV Sullivan, Indiana
375 MD Boston, MA	338 LM St. Louis, MO
356 PTT Pratt, Kansas	379 FZI Fostoria, OH
341 PVV Pineville, W. Virginia	332 FPL Fairfield, Iowa
263 GR Grand Rapids, MI	374 OVC North Vernon, Indiana
480 F2 Cape Henry, Virginia	263 LQL Willoughby, OH
359 RSY Lumberton, North Carolina	

# Great News!

SPEEDX HAS DECIDED TO PRODUCE A THIRD EDITION OF IT'S WORLD FAMOUS UTILITY DXERS HANDBOOK! This is the book for utility hobbyists, worldwide! With about 200 pages of useful information, this THIRD edition produced by SPEEDX promises to be the best ever. Don't be misled by other "so-called" utility books containg from 30 to 60 pages of re-hashed information! SPEEDX either produces the best available or forgets the whole thing. Scheduled for a fourth quarter release, it's well worth waiting for. This edition will be off-set printed in bulletin format with a spiral binding for ease of thumbing through. It will also sell for less money than the second edition.

SPEEDX is asking for your cooperation in making this the best, most accurate publication possible. Please send to SPEEDX HQS your updated information in the utility field. Changes from the second edition, additions, or ?????????? Feature articles and how-to articles are also desired.

All UTE DXers who send in useful information by June 1st will be eligible for the ramdon drawing for three copies of the finished utility book to be awarded. All SPEEDXers who send in useful information will also receive 2 credit points towards maintaining, or achieving, Full Membership.

Send all utility material to SPEEDX HQS: SPEEDX  
 (For the new edition only) P. O. Box "E"  
 Elsinore, CA 92330

# QSL REPORTS



Editor: Bill Cleveland  
2441 Fairview Drive  
Visalia, Calif. 93277



Verified Countries - 117

Deadline: 15th of month

This is a bit more like it. Back to a reasonably normal month in terms of reporters and reports; keep 'em coming in. And a hearty welcome aboard to 9 first time reporters.

More on the Ulan Bator address controversy (Jan '76). Thanks to Gib Junqua and Doug Snyder, both of whom sent in copies of the envelope, I submit the following information. Gib's QSL card had Box 365 printed on it; both envelopes were printed "Box 356" -- however, Gib's had been written over with a pen to make it Box 365, which agrees with the address on the QSL and in WRTH. I would assume, therefore, that perhaps Mongolian printers make errors also, and that the correct address is Box 365. Frankly, I doubt that it makes much difference in a society so strongly regimented as the Chinese. In any event, at least two communications addressed to Box 365 arrived at the correct destination.

Larry Talbot sent in photo reproductions of a couple of QSLs to see if they will reproduce better. Frankly Larry, I have my doubts since contrast is what seems to count the most (but we've already proved that I don't know anything about it), but I'll try one for R. Moscow and see what happens. This one is already somewhat reduced in size, so will be quite small when published. There is also a problem with folding--and these sheets do get folded.

Leland Swenson sends in a ltr stating that Polish R. is sending him a cassette with the recording of a documentary feature on the visits made by Edward Gierek to the USA and Gerald Ford to Poland--and his last report to them was way back in 1973. Anyone else get anything like this? Not a QSL, but of interest.

Lots of goodies this month, particularly from Africa; also R. El Espectador en Uruguay cleaned out the files, so on with the show.

## Europe

- ALBANIA: R. Tirana, 6200, f/d white cd with red flag and star, 68d sfc, 2 IRCs (THOMPSON)  
R. Peking Relay, 7120, date/fgy "Yenan" picture cd in 14d air, no rp (HOFFMAN PA)
- BULGARIA: R. Sofia, 9700, f/d "Climent of Ohrid University" cd in 63d air for 2 IRCs (JERNAKOFF NY), same in 88d air for no rp (BERGER TX)
- CZECHOSLOVAKIA: R. Prague, 7745, f/d cds, "Old Town Square" in 35d air, no rp (MILLER WA), b/w photo of Krkonose in 60d air, no rp (BOWEN NS), "A Work by Master Paval" in 37d air, no rp (SMITH FL); 9740, "Orava Castle" in 32d air for 1 IRC (ROJEWSKI WA); no fgy, "A Work by Master Paval" in 37d air, no rp (KURTZ MN)
- DENMARK: R. Denmark, 15165, f/d "Radiohouse Tower" cd in 6 wks air, 2 IRCs (JERNAKOFF NY)
- FRANCE: R. France Internationale, 11705, f/d "Arc of Triumph" cd in 36d air for 1 IRC (DAY CA); 11930, f/d cd "Place de la Concorde" in 25d air, no rp (MAYER IL); 15210, same in 69d air, no rp (MAHONEY IN); 15240, date only "Diplome" in 2 mo air, no rp, v/s "Ruis" (MILLER WA); 15300, f/d red/green/blue "TDF" cd in 83d air for 1 IRC (DAY CA) and "Place de la Concorde" cd in 78d for 1 IRC (DAY CA)
- GERMANY (Democratic Republic): RBI, 11700, f/d "30 Years of Liberation from Fascism" cd in 66d air for no rp (MAHONEY IN)
- GERMANY (Federal Republic): Deutsche Welle, 6145, f/d DW cd in 91d air, 3 IRCs (KREIS WI)
- GREAT BRITAIN: BBC, 5975, usual Thames cd in 16d air, no rp (QUINN NY); 6175, same in 18d for 1 IRC (MARTI CA)
- HOLLAND: R. Nederland, 9715, f/d "Madagascar antennas" cd in 60d sfc, no rp (WICKETT MD)
- HUNGARY: R. Budapest, 7220, f/d yellow cd w/sketch of bridge, 47d sfc, no rp (MILLER WA)
- ITALY: RAI, 11810, f/d "Il Settecento Italiano" cd in 149d, no rp (COHEN NJ)
- LUXEMBOURG: R. Luxembourg, 6090, f/d antenna and coat of arms cd in 139d sfc for 3 IRCs (BERGER TX)
- MALTA: Adventist World R., 9755, f/d orange picture cd w/Malta stamped on, 40d air for 1 IRC (BOWEN NS)
- MONACO: TWR, 9525, f/d black/white building cd in 40d air, no rp (BOWEN NS)
- NORWAY: R. Norway, 15170, f/d "Briksdalen Valley" cd in 20d air, no rp (MILLER WA); 17795, f/d multicolored waterfall cd in 46d air, no rp (VAN FOSSEN OH)
- ROMANIA: R. Bucharest, 5990, f/d map and traditional buildings cd in 37d air, no rp (BOWEN NS)
- SPAIN: RNE, 6065, date/fgy antenna tower cd in 50d for 2 IRCs + pennant (HOFFMAN PA), same, no time, for 2 IRCs (MILLER WA)
- SWEDEN: R. Sweden, 15305, f/d map cd in 79d air, no rp (BROOKER MI); 17710, same in 9d for no rp (WICKETT MD)

SWITZERLAND: SBC, 3985, f/d black/white photo of "Collegiate Church, St. Gall" in 85d sfc no rp (marked as test xmsn) (MAHONEY IN); 6045, f/d cd "Old Bridge near Intragna" in 42d air for 2 IRCs (THOMPSON NM), same in 43d for no rp (MILLER WA), "Collegiate Church" cd in 36d for 1 IRC (MARTI CA), same in 42d for 2 IRCs (THOMPSON NM); 21520, "Collegiate Church" cd in 88d sfc, no rp (SMITH FL), v/s on all was J. A. Chisholm

USSR:

Byelorussian SSR: R. Moscow, 7100 (Orsha), f/d "View of Kremlin" cd in 48d (SMITH FL)  
Lithuanian SSR: R. Vilnius, 7355, date only, stylized flower cd in 51d sfc (SMITH FL)  
RSFSR (European): R. Moscow, 49m (Moscow), 7150, 7200 (Moscow), 7300 (Kazan), 7350 (Moscow), 7360 (Moscow), 9500 (Moscow), 9530 (Moscow), 9620 (Armavir), 9680 (Moscow), 9760 (Kingisepp), 9775 (Michurinsk), 9785 (Zhigulevsk), 9800 (Armavir), 9810 (Moscow), 11720, 17710 (Moscow), 23-52d air (expt for Dave Chaffin's final consignment forwarded from Cameroon, 302d); f/d cds "View of Kremlin" (MILLER WA), "Moscow's Lenin Central Stadium" (SMITH FL)(YAJKO PA)(KURTZ MN) "Moscow State University" (BEAUDOIN CT) (VAN FOSSEN OH), "Flags of the Republics" (HOFFMAN PA)(SMITH FL), "Sputnik Monument" (CHAFFIN TN)(VOCKEROTH PA)  
Ukrainian SSR: R. Kiev, 7150, f/d circles and triangle cd in 27d air (VAN FOSSEN OH); 7290, f/d boy and girl cd in 139d (COHEN NJ); 9780, 4 cds w/various designs, 42d air (DAY CA); 17900, f/d circles cd in 30d air (MILLER WA)  
R. Moscow, 7115 (Ivano-Frankovsk), 7150 (Lvov), 9575 (Vinnitsa), 9665, (Ivano-Frankovsk), 11770 (Kiev), 15170 (Lvov), f/d cds in 30-302d, "Kremlin" cd (BEAUDOIN CT), "Sputnik Monument" (CHAFFIN TN), "Moscow State University" (TALBOT WI), modern "office type" bldgs (CREWS FL)  
VATICAN CITY STATE: Vatican R., 5995, f/d antenna cd in 14d air, no rp (WHITEHEAD MA), same in 16d air, 3 IRCs (KREIS WI), "Sistine Chapel ceiling" cd in 39d, 1 IRC (MARTI CA); 11790, f/d antenna cd in 57d sfc, no rp (SMITH FL)  
YUGOSLAVIA: R. Belgrade, 9620, f/d folder cd of Capitol bldg, 50d aftr f/up, 211d total, 1 IRC (WHITE FL)



*Africa*

AFARS & ISSAS: ORTF (R. Djibouti), 4780, cd in 3 wks air for 3 IRCs (SPARKS CA)

Contributed by

Doug

Snyder



ASCENSION ISLAND: BBC Relay, 7105, usual Thames cd in 62d air (MERCADO CA)  
CAMEROON (Fed. Republic): R. Garoua, 5010, f/d form ltr in FF in 52d for 3 IRCs (SPARKS CA)  
CANARY ISLANDS: RNE, 11800, date/fgy, "Tenerife y Noblejas" antenna cd in 30d for SS rpt (VOCKEROTH PA)

The key to flexibility is indecision

EGYPT: R. Cairo, 9475, f/d market place cd in 175d air, no rp (DAY CA), f/d "Nile and Pyramids" cd in 185d sfc for 1 IRC (DAY CA)

GUINEA-BISSAU: Rdif. Nacional da Republica da Guine-Bissau, 5041, date/fqy green cd w/veri text in EE/FF/PP, in 163d air for 3 IRCs and EE/PP rpt (BIXBY CA), same in 147d air for 2 IRCs and EE/PP rpt (MAYER IL)

Thanks

to

Mark

Bixby

**Q. S. L.**

**CONFIRMAÇÃO OFICIAL DE RECEPÇÃO  
VERIFICATION OFFICIELLE DE RECEPTION  
OFFICIAL VERIFICATION OF RECEPTION**

*Agradecemos e confirmamos as vossas informações*

Nous remercions et confirmons vos informations

We gratefully acknowledge and correct your report

*De escrita da nossa emissão do dia*

Au sujet de notre émission de

Concerning our broadcasting of

4 / 8 / 1975

*Na frequência de*

Dans la fréquence de

In the frequency of

5041 Kcs.

Bissau, 29 / 11 / 1975

IVORY COAST: R. Abidjan, 11920, b/w cd in 300d (w/apologies for delay) for 3 IRCs and EE rpt (CHADBOURNE CA)

MADAGASCAR: R. Nederland Relay, 11730, f/d antenna cd in 55d air for 3 IRCs (THOMPSON NM)

MALAWI: MBC, 3380, f/d green ltr w/map of Africa + sked in 18d air for 2 IRCs, EE rpt (FISCHER GER); 7130, same in 21d air for 2 IRCs, signed w/"74's and good DX" (SNYDER CA), same in 30d for 3 IRCs (BODELL OR) v/s for all was O.C. Mandalasi

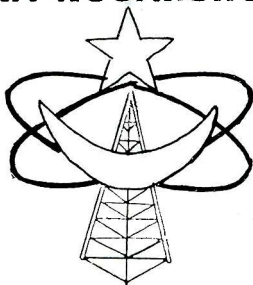
MAURITANIA: Rdif. Nat. de Mauritanie, 4850, large yellow, white, & black cd w/map and stn emblem, 30d sfc for 2 IRCs and FF rpt (VECCHIOLA PA), yellow/green cd in 42d air for SASE and FF rpt (CHADBOURNE CA). Is this the same cd fellows? Copy below supplied by Doug Snyder.

إيسى نواكشوط

**HUNA NOUAKCHOTT!!**

هنا نواكشوط

**ICI NOUAKCHOTT**



الإذاعة الموريتانية

**RADIO-MAURITANIE**



SENEGAL: R. Senegal, 4890, b/w photo cd of African stringed instrument, f/d in 22d for 2 IRCs and FF rpt (BEAUDOIN CT), same in 60d for no rp and FF rpt (REEDMAN IL)

SEYCHELLES: FEBBA, 15325, f/d blue/orange map cd in 32d air for 1 IRC, v/s Mary Bemy (ZIMAROWSKI MA)

SIERRA LEONE: SLBS, 3316, f/d cd in 49d air for 3 IRCs and EE rpt (CHADBOURNE CA)  
SOMALIA: R. Mogadishu, 2585, f/d XEROXed ltr in 51d air for 2 IRCs and EE rpt (WHITEHEAD)  
SOUTH AFRICA: RSA, 2270, 2525, 2585, 11900, 11970, f/d cds in 14-30d for 0-2 IRCs, "Beach blooms at Blouberg" (DEAN OH)(DOLYAK FL)(MILLER WA), "Sable angelope" (COLLARD TX)(DAY CA)(LARSON WI)(ROJEWSKI WA)(SMITH FL)(THOMPSON NM), no description (MILLER CA)  
SABC, 4810, usual f/d "industries" cd in 19-40d (HARDESTER CA)(MAHONEY IN)  
SUDAN (Democratic Republic): R. Omdurman, 5039, no data form ltr incl sked, but no mention of 5039 fqy, 29d air for 2 IRCs, EE rpt (MAHONEY IN); v/s Abdullahi A.Rahman, P.R. Dept.  
SWAZILAND: TWR, 2590, f/d antenna/native/map folder cd + sked in 18d, no rp, v/s D.J. Fisher (BARON PA)  
TOGO: Rdif. du Togo, 5047, f/d globe cd in 40d air for 1 IRC, EE/FF rpt (ZIMAROWSKI MA)  
TUNISIA: Rdif. TV Tunisienne, 11970, f/d "Sunset on Mosque" cd in 35d air for 3 IRCs, EE rpt (CREWS FL)  
UGANDA: R. Uganda, 9730, cordial ltr in 21d air for 3 IRCs and EE rpt (CHADBOURNE CA)

#### Asia

AZAD KASHMIR: Azad Kashmir R., no fqy, f/d registered ltr in 24d air for no rp, EE rpt (FISCHER GER); v/s M. Sajjad Ali Siddiqui  
CHINA (People's Republic): R. Peking, 7120, date/fqy cd "Yenan--Sacred Place of the Revolution" in 36d air, no rp (PAMULARO NJ) Shouldn't this be Tirana Relay, Ralph? bc. 9460, date/fqy cd "Festival Rejoicings" in 20d air, 1 IRC (THOMPSON NM); 11945, date/fqy "Timber Forest" cd in 12d air, no rp (MAYER IL), date/fqy "On Patrol" cd in 47d air (MILLER WA)  
CYPRUS: BBC Relay, 6180, usual Thames cd in 196d, 21d aftr f/up, 1 IRC (WHITE FL)  
INDONESIA: R. Kabupaten Daerah Tingkat II Kediri, 2432, Indo ltr w/stn data (claim 600 w, 3441 kHz) in 160d air (24d aftr f/up) for MS, Indo rpt. Said first reply apparently lost in mail. v/s Drs. Moch Untung Hadiwidjaja and Tri Sukirno (CLEVELAND CA)  
RRI Pontianak, 3965, cordial f/d ltr in 60d for 3 IRCs and EE rpt (CHADBOURNE CA)  
RRI Pekanbaru, 5886, date only Indo ltr, some stn data in 186d (30d aftr f/up) air, for MS and Indo rpt. Claim original report not received. v/s Azil Azwar, Stn. Mgr. Address: Jl. Ir. H. Juanda 95, P.O. Box 51 (CLEVELAND CA)  
IRAN: Voice of Iran, 9022, f/d color cd of Bandar Abbas TV stn, 33d air for 1 IRC and EE rpt (aftr 4th f/up) (MAHONEY IN)  
IRAQ: R. Baghdad, 9745, f/d suspension bridge and map cd in 47d air for 2 IRCs and EE rpt (YAJKO PA)  
ISRAEL: IBA, 5950, f/d "Knesseth building" cd in 34d air for 1 IRC (MARTI CA); 5900, 7412, 9009, 2815, 11642, f/d "Menorah" cd in 28d for report form, no rp (COHEN NJ); 2815, f/d "Shrine of Book & Knesseth Bldg" cd in 55d air for no rp (REDMAN IL); 11685, f/d Knesseth bldg cd in 54d for 2 IRCs; fqy was queried. With reason, I would say Carl--they don't use this fqy. However, apparently your report was correct. bc (MILLER WA); 15100, 12080, 12045, "Menorah" cd in 39d air, no rp (BROOKER MI); 17685, f/d cd "Jerusalem, view towards the Shrine of the Book and the Knesseth Building" in 44d air for no rp (SMITH FL)  
JAPAN: R. Japan, 5990, 9505, 11705, 15105, 15195, 15270. Date/fqy cds in 11-38d air, no rp, "Koto" cd (REDMAN IL), "Kamakura" cd (DAY CA)(ROJEWSKI WA), "Tachibana Dolls" cds (PETERS KY)(THOMPSON NM)(MAHONEY IN)(DEATON GA)(MILLER WA)(COLLARD TX)(HARDING CA)  
NSB, 2595, f/d antenna cd in 12d for 1 IRC (BARON PA), same in 33d for no rp (MILLER CA), "Tokyo Forum" cd in 33d, no rp (MILLER CA)  
JORDAN: Hashemite Broadcasting Service, 9560, f/d color pc w/view of Amman from Bell Tower, in 20d air for 2 IRCs, EE rpt (SNYDER CA), f/d "El Hussein Mosque" cd in 20d air for 1 IRC, EE rpt (ZIMAROWSKI MA), f/d "Dome of the Rock" cd in 28d air for 1 IRC (SMITH TN)  
MALAYSIA: BBC Far Eastern Relay, 3915, usual Thames cd in 25d air (FISCHER GER)  
NEPAL: R. Nepal, 3425, f/d cd in 31d air for 3 IRCs and EE rpt covering rcpn each day for 1 week, emphasizing propagation conditions. QSL requested more reports (CHADBOURNE CA)  
PHILIPPINES: AFRTS Relay, 5995, usual AFRTS cd w/xmtr site indicated; f/d in 8d sfc, no rp (HARDESTER CA)  
PEBC, 11835, f/d plain black and white cd in 88d for 2 IRCs, v/s Joan Ross (BEAUDOIN CT)  
VOP, 2580, pink cd w/gov't seal in red/blue, in 56d air for 3 IRCs (SOMERS CA)  
RHODES: VOA, 7205, time/fqy "Kennedy Center" cd in 4d sfc, no rp (ZIMAROWSKI MA)  
RYUKYU ISLANDS: VOA, 7165, time/fqy "Capitol" cd in 5d sfc (ZIMAROWSKI MA); 2560, Kennedy Center cd in 6d air, no rp (ROJEWSKI WA)  
THAILAND: R. Thailand, 9650, f/d color pc showing "Floating Market" in 97d air for 2 IRCs (SNYDER CA)  
TURKEY: Voice of Turkey, 2515, f/d "Bosphorus Bridge" color cd in 60d air for no rp (REDMAN IL), date/fqy cd "Keloglan, amiable bald hero" (see next page) in 60d air for no rp (CLEVELAND CA); 11880, date/fqy "Bosphorus Bridge" cd in 77d sfc for 2 IRCs (MILLER WA)

People can be divided into three groups: (1) those who make things happen, (2) those who watch things happen, (3) those who wonder what happened.



VOCKEROTH PAKEY  
 DE SIMONE DEN TONKE  
 LA VON DEJA TURQUIE

**TRT**

**USSR:**

RSFSR (Asiatic): R. Moscow, 7150 (Khabarovsk), 11860, 15245 (Nikolayev-on-Amur), 3140d for f/d cds, "Moscow University" (MILLER CA), "Lenin Central Stadium" (HOFFMAN PA) (TALBOT WI), "Grand Kremlin Palace" (WHITE FL)  
Uzbek SSR: R. Tashkent, 9540, f/d map/mosaic cd in 48d, no rp (SMITH FL); 11925, f/d red/white/blue cd in 40d for 2 IRCs (TALBOT WI)

*Oceania*

AUSTRALIA: R. Australia, 5995, 6005, 7220, 9570, 9580, 9770, 11825, 11840, 15320, 17795 (f/d cds, v/s Peter Homfray; 17-18d for MS or 2 IRCs, 63-150d sfc for no rp), "Historical Park" (WICKETT MD), "Kangaroo" cd (WICKETT MD)(VOCKEROTH PA)(ROJEWSKI WA)(COHEN NJ), "Stanley Chasm" cd (SMITH FL)(BROOKER MI), "Nocturnal Sugar Glider" (COHEN NJ), "Kookaburra" cd (COHEN NJ)(MILLER WA)(MILLER WA)(BOWEN NS)(BROOKER MI)(VAN FOSSEN OH)(HOFFMAN)(THOMPSON NM), "San Michele Sheep Station" (KURTZ MN)(NEBRON CA)(BROOKER MI), "Grass Tree" (YAJKO PA)(HARDING CA)(THOMPSON NM), "Surf Lifesaving Boat" (ROJEWSKI WA), "Primrose Orchid" (SMITH FL), "Grevillea" (KURTZ MN)  
 ABC Brisbane, 4920, f/d map cd in 7d air for 1 IRC (BARON PA)  
 ABC Perth, 9610, f/d Western Australia map cd in 26d air for 1 IRC (VAN FOSSEN OH), same in 34d air for 1 IRC (MAHONEY IN)  
 VNG (time/fqy stn), 4500, f/d antenna folder cd in 25d air, no rp (MILLER WA); 12000, same in 21d air for 2 IRCs + personal ltr, v/s Pam Schlager (VAN FOSSEN OH)  
NEW CALEDONIA: R. Noumea, 7170, date/time map cd in 30d for 3 IRCs and EE rpt (CHADBOURNE), same in 24d for 2 IRCs and FF rpt + tape (tape returned w/EE msg) (TALBOT WI)  
NEW ZEALAND: R. New Zealand, 9240, f/d "Soccer" cd in 25d air, no rp (MILLER WA); 15110, date/fqy globe cd + map in 8 wks, no rp (VOCKEROTH PA)  
PAPUA NEW GUINEA: R. Western District, 3305, old style ABC folder cd w/fqy only, in 133d sfc for 1 IRC (MAYER IL)

*South America*

BRAZIL: R. Bandeirantes, 11925, f/d ltr w/veri statement typed at top, in 26d air for 2 IRCs, EE rpt, v/s Samir Razuk (CREWS FL)  
 R. Nac. de Brasilia, 15445, f/d beige map cd in 22d, no rp, EE rpt (BERGER TX)  
CHILE: R. Nac. de Chile, 15150, f/d cd "Panoramica de Concepcion" + ltr, no time or rp indicated (VOCKEROTH PA)  
COLOMBIA: Em. Nuevo Mundo, 4755, date only large white CARACOL cd, in 31d air for 2 IRCs and SS rpt (CREWS FL)  
 R. Nacional de Colombia, 4955, date only cd w/panoramic view of Guatavita, 64d air for SS rpt, no rp, v/s Alberto Upegui Acevedo (FAMULARO NJ), date only cd w/aerial view of Medellin, in 130d sfc for 1 IRC, SS rpt on tri-ling. rpt form (TALBOT WI)  
 R. Santa Fe, 4965, fqy only map and radio QSL, 130d for 2 IRCs and SS rpt (BEAUDOIN CT)  
 R. Super, 6065, f/d black/white cd w/info about Bogota, 210d sfc for no rp, SS rpt, v/s Maria Margarita Castro (DEATON GA)



ECUADOR: R. Iris, 3380, f/d ltr in 38d air for 2 IRCs and MS, SS rpt, v/s Daniel Alvarez T. (FISCHER GER)

Em. Gran Colombia, 4910, date only ltr w/loose veri statement + pennant in 28d air for MS and SS rpt, v/s Eduardo Cevallos Castaneda, Gerente-Director (WHITEHEAD MA)  
HCJB, 5970, 6095, 6130, 9560, 11740, 11915, f/d cds in 21-40d for 2 IRCs, 26-82d for no rp (v/s Roger Stubbe, Sam Rowley, Herbert Jacobson). "Woodcarving in Ecuador #1 (MILLER WA), "Woodcarving in Ecuador #2" (MILLER WA), "Woodcarving in Ecuador #3" (MERCADO CA) (MILLER WA), "Woodcarving in Ecuador #4" (MILLER WA) (BOWEN NS) (YAJKO PA) (MILLER CA) (THOMPSON NM) (SMITH FL) (HARDING CA), "Abstract Inca Design" (THOMPSON NM), "Stereo Control Room" (MILLER CA), "El Altar" (VOCKEROTH PA), "Mt. Antisana" (MILLER WA), "Mt. Coto-paxi" (MILLER WA), "Mt. Illinizas" (MILLER WA), "35th anniversary--Ecuadorian flag" (YAJKO PA), "Antenna system in Pifo" (MILLER CA)

FRENCH GUYANA: Societe Nationale France Regions 3, 3385, brief FF ltr w/fqy and confirmation statement in 15d air for 1 IRC, FF rpt, v/s J. C. Turjman (ltr mentions cousins living in San Jose!) (SNYDER CA)

GALAPAGOS ISLANDS: V. de Galapagos, 4810, date/fqy ltr in SS w/stn info followed two days later by desk calendar and Christmas cd, 39d air for MS and SS rpt (MS not used), v/s Hna. Isuara Arbelaez N., Secr. (MAHONEY IN)

URUGUAY: R. El Espectador, 6045, f/d plain white cd w/veri statement and logo (see below) in 165d sfc for 1 IRC and EE rpt, v/s Jorge Cubilo, Dir. Apoderado (JONES MS); 11835, same in 388d sfc (9 mo aftr f/up) for MS and SS rpt (CLEVELAND CA), same in 398d sfc (120d aftr f/up) for MS and SS rpt (HARDESTER CA), same in 141d sfc for MS and SS rpt (MAHONEY IN), same in 177d for MS (SMITH TN), same in 335d for 1 IRC (BARON PA), same in 20d (yep, that's right--20 days), for 2 IRCs, MS and SS rpt (FISCHER GER)--and this one came by air!!

CX-A-19



EL ESPECTADOR  
CX 14-800 KHZ, CX A 19-11835 KHZ  
LIBERTAD SPORT  
CX 18-800 KHZ CX A 81-6045 KHZ  
Difusora Rochense  
CW 37 1260 KHZ

Soriano 1287 piso 2°  
Tels. 8 14 81-82 / 91 70 44

DIFUSORAS DEL URUGUAY S.A.

Nos es grato acusar a Ud., su reporte de recepción del día . 27/12/75, a la hora 11:00 p.m., en frecuencia de 11.835 . . . KHz.

Atentamente,

*Jorge Cuelo*

JORGE CUELO  
DIRECTOR GENERAL

Montevideo, 28/11/75

VENEZUELA: R. Universo, 4880, date/fqy green/white network cd in 35d air, no rp, used SPEEDX form ltr (REDMAN IL)

R. Yaracuy, 4940, date/fqy network map cd in 60d for MS (used) air and SS rpt, v/s Jaime Romero (HARDESTER CA)

R. Nacional, 1400, EE ltr w/date/fqy + book on Venez. in 92d for 1 IRC aftr f/up (BARON), same w/o book in 7wks air for 2 IRCs, EE rpt (JERNAKOFF NY)

#### North America

BELIZE: R. Belize, 3300, f/d map cd, v/s Mrs. J. Roberts, Chief BC'ing Officer, in 13d air for 3 IRCs and EE rpt (HARDESTER CA), same cd in 24d air for no rp (DEATON GA)

CANADA: CFRX, 6070, date/fqy cd w/abstract painting in 43d sfc, no rp (TALBOT WI)

CHU (time/fqy stn), 7335, "Sir Sanford Fleming" cd in 4 wks sfc (MILLER WA)

CBC Northern Service, 17820, f/d RCI "1974 World Cycling Championships" cd in 39d sfc, no rp (WICKETT MD)

COSTA RICA: TIFC, 9645, f/d microphone cd, 26d air for 2 IRCs, EE rpt (JERNAKOFF NY)

DOMINICAN REPUBLIC: R. Clarin, 4850, date/fqy ltr in 40d air for 2 IRCs, SS rpt, v/s Lilly de Morales (CREWS FL)

GREENLAND: R. Greenland, 9575, date/fqy folder cd w/radio info on SW/Ute stns in Greenland 71d for 3 IRCs (SNYDER CA) See next page.

GUATEMALA: R. Mam, 4825, date/fqy ltr, Xmas cd and pennant, 1 mo air for MS, v/s Maria Gutierrez, por Secretaria (SPARKS CA), same in 48d air for MS, SS rpt (MAHONEY IN)

R. Cultural, 3300, f/d "Quetzal" cd in 20d air for 3 IRCs, EE rpt (KREIS WI); 5955, same cd in 20d for 2 IRCs, EE rpt (THOMPSON NM)

HAITI: R. 4VEH, 3345, f/d cd w/pix of native woman outside studio, 56d air for 2 IRCs (VAN FOSSEN OH), same in 79d sfc for 1 IRC (SMITH FL)

HONDURAS: HRVC, 4820, date only map cd in 18d for 3 IRCs (SANN NJ), same in 3 wks for 3 IRCs (MILLER WA), same in 22d (VAN FOSSEN OH), 13d (KURTIZ MN), 17d (QUINN NY), 11 no (VECCHIOLA PA)

MARTINIQUE: ORTF, 3315, date only ltr w/beach scene in 30d for 2 IRCs, EE/FF rpt (BIXBY CA)

MEXICO: R. Mexico, 15125, f/d SS ltr in 180d for 2 IRCs, SS rpt (PETERS KY) same in 195d (BEAUDOIN CT), same in 205d (SMITH FL), same in 188d (ZIMAROWSKI MA); 15385, same in 189d (JAKUBIAK MI), same in 180d (REDMAN IL), same in 180d (SANSERINO CA), same, no time (NEBRON CA)

NETHERLANDS ANTILLES: R. Nederland, 6165, f/d Madagascar antennae cds in 15d (MAHONEY IN), 60d WICKETT MD), "Tower of Tears" cd in 60d (MILLER WA) "Mint Tower" cd in 40d (MILLER WA); 9215, Madagascar antennae cds in 11d (QUINN NY), 17d (COLLARD TX), 14d (MARTI CA), 26d (SMITH FL), "EDXC" cd in 459d sfc (DAY CA)

UNITED STATES: AFRTS, 6030, blue emblem cd in 3 wks sfc, no rp (DOLYAK FL) KGEI, 5980, SF scenes cd in 30-49d for MS, 41d for no rp (COLLARD TX) (KELLY WI)(QUINN NY)(VAN FOSSEN OH) UN Radio, 15125, f/d UN cd in 75d sfc, no rp (WHITE FL)

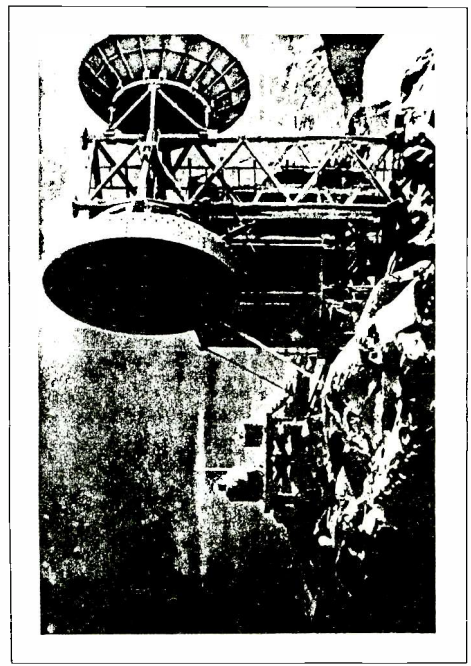
VOA, 9445, 9565, 11760, 11830, 17890 time/fcy "Capitol" cds in 4-13d, no rp (HARDESTER CA)(SMITH FL)(MAHONEY) WLNW, 17720, f/d plain white cd in 14-23d for MS (MILLER WA)(JERNAKOFF NY) (KELLY WI)(SMITH FL)

WWV, 15000, f/d "Arapahoe Chief" cd, 3 wks sfc (MILLER WA)

WWVH, 5000, f/d "Aloha" cd in 9d air (MILLER WA)

WYFR, 9690, f/d microphone cd in 61d for MS (MARTI CA); 9525, same in 21d sfc (MILLER WA), same in 17d sfc (KURTIZ MN)

RADIO  
BROADCASTING  
AND  
TELE  
COMMUNICATION  
IN  
GREENLAND



Lots of "Tachibina Dolls" cds from NHK this month, so here is the educational item of the month--courtesy of Ayako Junqua and Akemi Walker. "Tachibina" (and it isn't pronounced quite like it is spelled) means just what it says--"standing doll". "Tachi" means, among other things, "stand(ing)" and "Hina" (euphonically changed to "bina") means "doll". It seems that in a full set of dolls--about 20 or so--most of them are seated but a few are standing and these are the "Tachibina". These dolls are usually dressed in the style of the Heian Period (794-1185) and are quite expensive; a cheap doll costs ¥20,000 to ¥30,000. The dolls are usually displayed on a tier of shelves like a stairway, covered with red material, the Emperor and Empress on the top step and other court attendants of lesser rank on lower steps. March 3 is "Girls Day"--the festival at which the dolls are displayed. (Boy's Day, incidentally, is May 5, when the boys play with paper carp).

Len Davidonis came through with the correct language (Latvian) last month, but missed the translation "One Way Street" -- provided, by the way, by SPEEDXer Andris Straumanis.

Many thanks, Andris. Take a crack at this one. Harder to translate and not so easy to hear--more likely to be heard on WCNA than on ECNA (my judgment).

Read it from left to right in the usual manner, hi! Incidentally, Ted Poling informs me that HAP is out of pens, so winners in the future will be receiving a HAP patch, unless the HAP directors decide to order another bunch of pens. 73's, Bill 2/17/76

*Handwritten signature: Valgata*



# Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

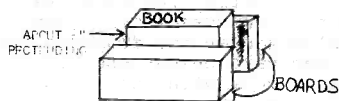
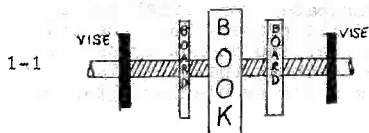
## BINDING FOR DX MAGAZINES

Christian P. Hansen

### PART 1: Binding Booklet-type Bulletins

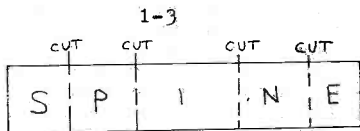
This method is intended to be utilized in binding bulletins of: SPEEDX, ASWLC, NRC, WTVFMDXC. and NASWA (PRENDX).

1-1) First select the issues that you are going to bind, remove the staples from them, and put them in the order in which you wish to bind them. Put them between two scrap pieces of wood (making sure the spines are evened up), and put the whole thing overnight in a vise. Put a piece of old rag over the screw of the vise so that grease will not get on the book.

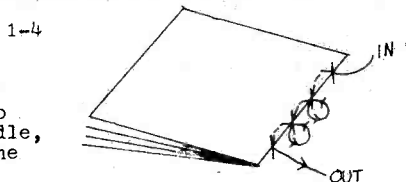


1-2) Next day, take the book out of the vise, and arrange it inside the boards as on top.

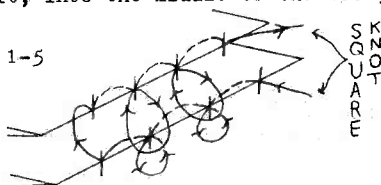
1-3) Then, put the book in the vise again. Make four cuts in the spine with a dull saw (spacing does not matter, but the two end cuts should be about  $\frac{1}{2}$ " from the ends of the spine). The cuts should be about  $\frac{1}{8}$ " deep. You are now ready to sew.



1-4) Take a crocheting needle or tapestry needle (not a hook) and thread it with a couple of feet of thread (button and carpet type thread is good for this). Lay the first issue face-down on the table, pass the needle into the saw cut and draw the string into the middle of the book. Draw loops of thread out through the two middle saw cuts with the end of the needle, and pass the needle out of the cut at the upper end.

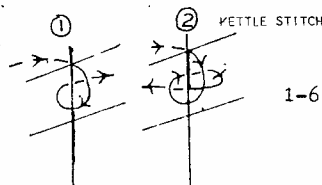


1-5) Lay the second section on top of the first, front down. Pass the needle into the sawcut directly opposite it, into the middle of the book, and out through the next sawcut. Pass the needle upward through the loop protruding from the section below and back into the same sawcut. Draw the loop firmly to form the lockstitch. Do the same with the second loop, and pass the needle out the last cut. Pull the threads firm, and then tie them firmly with a square knot.



1-6) Section three and all following are sewed in the same manner. Except that there are no loops protruding. Pass the needle behind the stitch in

the next lower section, then back into the sawcut and out the next sawcut and so on. At the end of each section, the section is anchored to the one below by means of the "kettle stitch". Pass the needle behind the stitch below then bring it around and up, pulling gently. A loop will form; bring the needle up and through the loop and then draw it tight. If you run out of thread (or feel that you cannot sew the next section with the thread left on the needle), rethread the needle and anchor the new thread to the book by means of the kettle stitch, and then proceed as before.

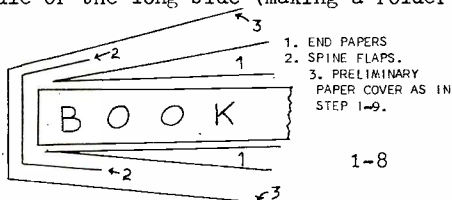


1-6

1-7) After you have finished sewing (by the way, when you run out of thread at the end of a booklet, leave about one inch hanging to the binding and glue it in the sawcut to secure it), put white glue on the spine, making sure each sawcut is covered. Spread the glue, and then take a piece of brown kraft paper (paper bag) cut to the length of the spine or a little less, and three inches wider than the spine. Center the paper so that there is  $1\frac{1}{2}$ " on each side of the spine, and then press it down and weight it; balance the weight so that it will not fall, and leave it overnight. Note: if you like, between steps 7 and 8, you can sand down the ends of the book so that they are smooth. Put the book, end to be sanded protruding outward about  $\frac{3}{8}$ ", between two boards. Clamp them very tightly, and either put the entire thing in a vise and plane down each end and the side, following with fine sandpaper for finishing, or sand it with a drum sanding attachment in a drill press. Move the end to be sanded slowly over the drum, making sure that you do not press too hard or concentrate on any one place (if you do that, the paper is apt to burn). Always move with the grain, whether sanding or planing, Stanley Surforn planes are good for planing books.

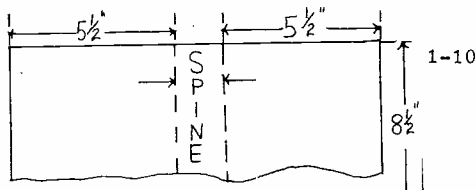
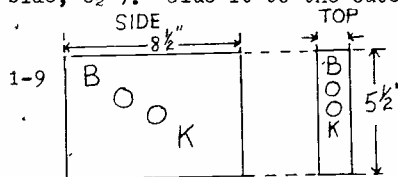
1-8) Cut end papers. For DX journals in general the dimensions will be  $8\frac{1}{2}$  x 11". Crease this in the middle of the long side (making a folder the same size as the book).

Insert the folded end papers between the book and the flap of the spine paper. You may also want to include an index. Fold a piece of paper as above, and type the index on it as if it were a book. Insert along with or instead of the end paper in the front. Spread glue on the inside of the spine flaps and along the spine and press the end papers in; weight, and leave overnight. Bond paper is fine for the end papers.



1-8

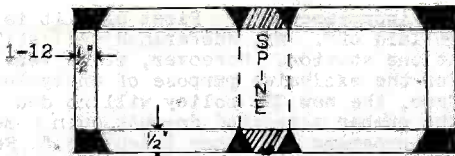
1-9) Cover the book with a piece of stiff paper (bond will do), measured as in the illustration below (long side: 11" plus width of book; short side,  $8\frac{1}{2}$ "). Glue it to the outer end papers and the spine as shown in 1-8.



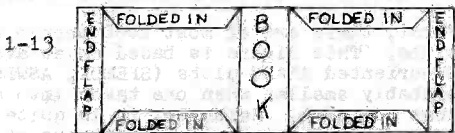
1-10) Cover This will be a soft cover, since a hard cover would require a book press. Take another piece of paper, same measurements as at 1-9, and lay it out slightly creased where the spine creases will be.

1-11) Take tape (I used wide cloth or plastic tape), and lay it out in strips over the paper. Overlapping  $\frac{1}{2}$ " at each side and the top and bottom, and then press it down, making sure it is not creased

1-12) Cut out darkened areas in diagram to the right, and then fold inside and stick down the flaps of tape left at the spine ends (striped areas above). Cover the end flaps on the inside with white glue.



1-13) Now, taking care not to let the tape ends stick, lay the cover outside down on the table, take the book and lay it in the spine groove. Put the first end paper down on the cover, and fold the tape over the end paper. Do the same on the other side and you are done. You may label the spine and front cover of the book with magazine name and dates, and you are done.



I would like to credit for Part 1: Popular Mechanics Do it Yourself Encyclopedia. This source has been revised and adapted by the author. This article may be used and/or reprinted providing credit is given to the author and the article is reprinted in its entirety. Comments are solicited; send them to: Christian P. Hansen, 100 West 92nd Street, Apt. 5-B, New York, NY 10025. (Next month Part 2 of this article shall appear in this column. Ed.)

### RADIO CANADA INTERNATIONAL HAD NO CHOICE

By Steve Kamp

An article written by SPEEDX section editor Arthur S. Getzel, and which appeared in the November 1975 issue, contended that Radio Canada International would suffer in the long run because of their newfound deemphasis of QSL cards. The deemphasis as noted in Mr. Getzel's article, is in the form of a no-QSL policy until June 1976, after which only no-data QSLs will be issued.

It is my contention, however, that RCI will not suffer because of this policy. It won't win them any friends, to be sure, but it will make for a minimum number of enemies. And that, I suspect, was what the move was all about. Forced to cut its budget, RCI took the route least painful to the majority of its constituency. Moreover, budget cuts in any other area would have generated consequences far more adverse to RCI than the imposition of their new QSL policy. This is particularly true with respect to the offhand suggestion that RCI cut another program or even a minor language.

To make my point completely clear, I will analyze the consequences of RCI cutting a "minor language" versus the consequences of RCI "alienating" a few QSL-collecting listeners.

The 1975 WRRVH notes that RCI transmits in ten languages. Of these, the most "minor" is probably Hungarian, which is broadcast only 15 minutes each day. Were RCI to cut this program, it would mean laying off Hungarian-speaking staffers whose sole purpose for employment is their familiarity with the language, customs, and people of Hungary. Equally important is the fact that there are over 10 million people in Hungary. Cancellation of the Hungarian program by RCI would be telling a potential audience of 10 million that Canada doesn't consider them very important. To be sure, the audience probably isn't anywhere near ten million--because not all Hungarians own SW receivers. But even if only 1% of Hungary's 10 million population (100,000) have access to such equipment, the number which would be alienated by a cancellation is much larger than the number which would be alienated by RCI's new QSL policy. In conclusion, then, cancellation of a "minor language" by RCI would mean laying off staffers and alienating anywhere from 100,00 to several million people. Moreover, it looks bad from a PR standpoint not to program for a particular language group.

What are the likely consequences of RCI's new deemphasis on QSLs and cancellation of the DX program? Whatever they are, they hardly contain the potential for the adverse feedback which would result from cancelling

a "minor language." First off, it is quite unlikely that anyone will be laid off. Mr. MacFarland will still be around performing other duties at the station. Moreover, it is very doubtful that RCI employes anyone for the exclusive purpose of analyzing and verifying reception reports. True, the new QSL policy will no doubt alienate a few listeners. However, the number alienated doesn't even come close to the number who listen to RCI programs in "minor languages." For the purpose of analysis, let us assume that every member of every SW-oriented ANARC club were to desire a QSL card from RCI between today and June 1976 (not a very likely prospect, but it is the most any DXer could hope for).

First, there are at most 2000 people who belong to SW-oriented ANARC clubs. This figure is based on an average of 500 in each of the four SW-oriented ANARC clubs (SPEEDX, ASWLC, NASWA, CIDXC). The figure is probably smaller when one takes into account individuals who belong to more than one club. Moreover, it is quite unlikely that each and every one of these 2000 DXers would be desirous of a QSL from RCI. Thus, RCI is alienating no more than 1000 people, and probably not even that many.

Faced with an order to cut the budget, and confronted with the options of either cutting the QSLs or a minor language, RCI had no choice but to cut the QSLs.

EDITOR'S NOTE: This article only reflects the view of the author and in no way represents club policy. Comments are welcome on this article.

---

### THE ARRL ANTENNA BOOK

By Stewart Freed

Many shortwave stations provide antenna information free to it's listeners, but most of these leaflets seem to be repetitive, giving only the barest ideas on a few common antennas. The ARRL Antenna Book, published by The American Radio Relay League is probably one of the most comprehensive manuals of antenna theory, design, and construction available.

The book is divided into 18 chapters. The first four chapters deal with basic and advanced antenna theory, including such subjects as wave propagation, directivity patterns, and antenna fundamentals. There are five chapters on antennas for the shortwave spectrum, including directional arrays, multiband antennas, longwires, and an excellent discussion on antennas for restricted space. There are also several chapters on VHF, UHF, and other specialized antennas. Construction hints, and mounting ideas are also given.

Although this book was written with the ham in mind, it still possesses some excellent ideas for the avid DXer. If you are thinking of erecting a new antenna, or just want some excellent theory on antennas, check out The ARRL Antenna Book. The cost is about \$4.00, and is available in most Heathkit outlets, or you can order it from: ARRL, Newington, Conn., 06111.

---

### MOUNTING QSLs

By Pete Jernakoff

I have found a fantastic method for mounting QSL cards. This method makes your QSL's safe from rips, dirt, and spills. And it only costs a small amount of money. I went to my local stationary store (any will probably do) and bought a special kind of photo album which costs about \$5.00. The album had the usual stiff covers available in many colors. It also had the usual stiff cardboard pages. But each page (on both sides) had a piece of fairly stiff transparent plastic which covered the entire page and is opened by peeling it away from the page. The plastic is attached to the outside edge of the page. One places his QSL's on the page, arranges them in any order, then places the sheet of plastic over the page and "voila" your cards are safe and sound and completely protected. To remove your cards simply peel the plastic away and lift off your cards. On account of the fact that the plastic is permanently attached you can constantly remove your cards and rearrange them.

Thats it for this month. Have a pleasant March and good DXing. *Arthur*

MARCH CONTRIBUTORS LIST

2	AGNER, MIKE	NJ...SX-110	3	LAVES, ALAN	TX...DX-150A
4	BARON, BRUCE	PA.....R4C	3	LEISTNER, LOU & E	CA....SPR-4
1	BURTON, BOB	OH....R-391	1	MAC LENNAN, KEN	ONT.....??
3	BAUMGARTNER, BRIAN	ONT...DX-160	1	MAHONEY, MIKE	IN..AR-88DM
4	BEAL, BART	WA...SB-313	1	MARKIEWICZ, JOE	MI...HQ-180
3	BEAUDOIN, BOB	CT....R-388	1	MARTY, WALTER	CA...DX-160
4	BENJAMIN, LORENZO	CA...SX-190	1	MATTHEW, RICK*****	B.C.....??
1	BENSON, GLENN	VA..ASTRO-4	1	MAYER, ALAN	IL....SPR-4
1	BERGER, JEFF	TX...DX-160	1	MERCADO, MARJO	CA.....R4
1	BERNSTEIN, ROGER	GA...DX-160	4	MIKLEJEWSKI, STAN.	MN..D-7000Y
1	BETHGE, JANE	MO...SW-717	3	MILLER, AL.	OH..HRO-500
5	BIXBY, MARK	CA...HA-225	5	MILLER, CARLETON***	VA.....??
4	BODELL, BOB	OR....SPR-4	4	MILLER, BILL	CA..YORK-21
2	BOWEN, PETER	N.S..EDY-750	3	NAYLOR, SPENCE	CA...HQ-180
5	BROOKER, JIM	MI....SPR-4	3	NEBRON, LARRY	CA...SX-190
2	BROOKS, ALAN	CT..DX-150A	1	OLSSON, ERIC	CT....SPR-4
3	BROCKWELL, LARRY*****	CA...XCR-30	2	OSBORNE, WILLIAM***	FL....AR-3
1	BUTTERFIELD, BOB	MA...HQ-100	3	PERRY, COLIN*****	QUE..GRUNDIG
1	CHADBOURNE, H.L.	CA.HOMEBREW	1	PETERS, DAVID*****	KY....SPR-4
1	CHABAK, MIKE	CO..DX-150B	1	PIERCE, BOB	MA...SAT-210
1	CHAFFIN, DAVID	MD...S-38-E	1	PIMBLETT, NIGEL	ALB..DX-150A
4	CLEVELAND, BILI	CA....SPR-4	2	PIITTS, STEVE	OR....SW-4A
6	COHEN, JON*****	NJ...SW-717	3	QUINN, THOMAS	NY...DX-160
1	COLEMAN, BILL	NC.....??	2	REDMAN, RON	IL...P-1660
5	COLLIARD, MARK*****	TX...DX-160	*1	RODRIGUEZ, EDUARDO	PR..D-7000Y
1	COOK, MELVIN*****	MN....SPR-4	4	ROJEWSKI, DON.	WA...DX-160
3	CRABLE, VERA	ID....SPR-4	2	SANN, BONNIE	NJ...DX-160
5	CREWS, DEMPSEY	FL..DX-150B	2	SANSERINO, RALPH	CA...R-392
1	DAY, EDWARD	CA...SX-190	1	SCANNELL, MARK	MA...SW-717
1	DAVIDONIS, LEO.	MA..HA-600A	1	SMITH, NEIL	IN....GR-54
1	DAVIS, JIM	CA...GR-54	4	SMITH, TOM	FL..HA-600A
4	DEAN, DENNIS	OH....SPR-4	2	SMITH, WOODY	TN..TRANS-0
3	DEATON, JEFF	GA...DX-160	1	SNYDER, DOUG.	CA....SPR-4
1	DOLYAK, EVELYN	FL...SCR-30	4	SOMERS, JACK*****	CA....SPR-4
3	EARHART, KEN	PA...SX-190	4	SPARKS, BILL	CA.....R4B
4	FAMULARO, RALPH	NJ...XCR-30	3	STEPHENSON, NORMAN	CA....SPR-4
1	FISCHER, KLAUS	GERMANY..GRUNDIG	3	SVINICKI, JEROME	MI....SPR-4
3	FLEMING, LEON	TX...SX-62A	1	SWENSON, LELAND	WI.....??
2	FRENCH, BOB	MD...S-108	1	TALBOT, LARRY	WI...SB-313
1	GREEN, DALE	UT.....??	1	TANNENWALD, LEON	NY.NORMEADE
3	GUNN, PAUL	IL..HQ-180A	6	THOMPSON, GLENN	NM..HQ-145A
3	HANAVAN, BRETT*****	CA....SPR-4	2	TRAUTSCHOLD, JOHN	WI...SB-310
6	HARDESTER, MIKE	CA....SPR-4	1	TROCHIMCZYK, J	DC...XCR-30
2	HARDING, BARRY	CA..DX-150A	3	TREBEE, BILLY	HI....SPR-4
3	HAUSER, GLENN	IL...HQ-160	4	VAN FOSSEN, JEFF	OH...DX-160
2	HENNING, HERB.	CA....SPR-4	3	VECCHIOLA, JIM	PA.....R4C
1	HERBOLD, AGNES	CA...SX-190	1	VOCKEROTH, JOHN	PA...SX-190
3	HICKMAN, MEL	OR...A-2515	2	VILARO, NARCISO	PR.GRF-5100
1	HOFFMAN, CHARLES	PA...DX-160	1	WALTER, JOHN	NJ...R-1530
1	HOLBROOK, HANK	MD...SP-600	4	WHITE, JOHN	FL....SPR-4
2	JAKUBIAK, DAVID	MI...TRANS-0	2	WHITEHEAD, JIM	MA...SX-190
3	JERNAKOFF, PETER	NY...SB-313	1	WICKETT, BOB	MD....S120
1	JESSEN, WILBUR	OR....R-530	1	WILSON, DAVE	OH....SGOTT
4	JONES, JACK	MS...DX-150A	1	WILSON, BOB	IL...XCR-30
2	JUNQUA, GIB.	JAPAN....R4-C	1	WOOD, RICHARD	NY....SPR-4
1	KELLY, CHRIS	WI....GR-54	1	WIRRELL, BOB	MA...SX-110
3	KERRIGAN, PATRICK	IL...HA-230	3	WOLTMAN, FRANK	WI...DX-160
1	KLONTZ, WINSTON*****	CA....SPR-4	5	YAJKO, BOB	PA....SPR-4
3	KOIZUMI, H.	JAPAN..9R5-9DS	2	ZILMER, BOB	WI....SPR-4
5	KREIS, KEN	WI...HR-10B	4	ZIMAROWSKI, MARK	MA...DX-150
6	KURTZ, JOSEPH*****	MN...DX-160	2	ZINK, GEORGE	CA....SPR-4
4	LARSON, ED.	WI...SX-130			

\* A credit point for Eduardo, who was missed last month. \*\* A big welcome to 13 first time reporters. They have been awarded gold stars, see their names above. Another good turn-out of reporters. We thank 123 of them this month. If all those that reported last month had also reported this month, I sure would have had to add another page. THE BEST OF DX IN '76---Ollie.

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INDEX

KEYNOTES..... OLIVER ELLSWORTH 2  
 DX MONTAGE..... ALAN BROOKS 5  
 TECHNICAL TOPICS..... JOHN KOLB 7  
 HAPPENINGS..... TED POLING 10  
 SWBC WESTERN HEMISPHERE..... JIM WHITEHEAD 11  
 SWBC EUROPE AFRICA..... BOB BUTTERFIELD 20  
 CHINA MAP CENTERFOLD..... BOB BODELL 28  
 SWBC ASIA OCEANIA..... BOB BODELL 30  
 STATION SCHEDULES..... MEL HICKMAN 37  
 UTILITY SECTION..... KEN COMPTON 39  
 QSL SECTION..... BILL CLEVELAND 44  
 TIPS AND TOPICS..... ART GETZEL 51  
 CONTRIBUTORS PAGE..... OLIVER ELLSWORTH 55

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